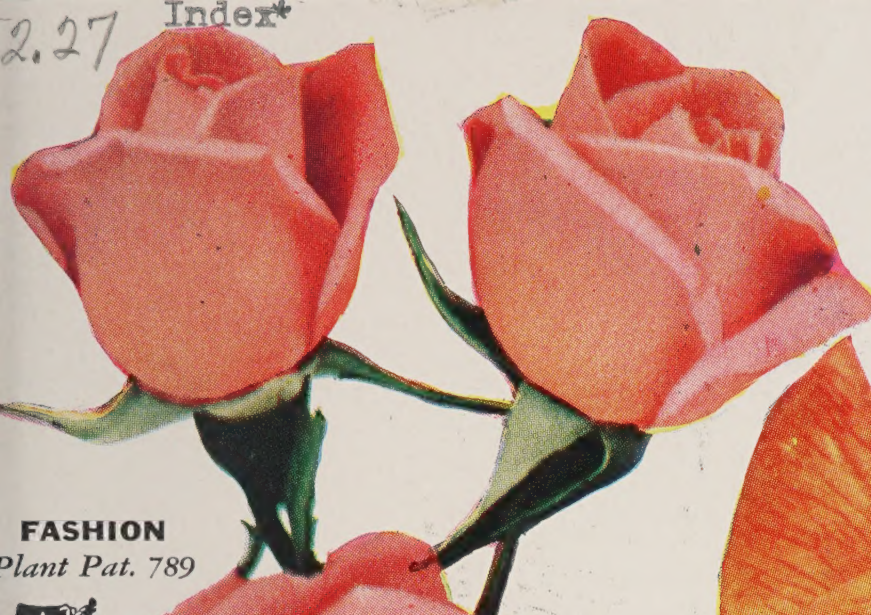


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**WHOLESALE
TRADE LIST**
Spring 1950




FASHION
Plant Pat. 789




**SUTTER'S
GOLD**
Plant Pat.
Pending




FORTY-NINER
Plant Pat. 792





CAPISTRANO
Plant Pat.
Pending



Mount Arbor Nurseries

One of America's Foremost Nurseries

**E.S. WELCH
PRESIDENT**

• **SHENANDOAH IOWA** •



TALLYHO
Plant Pat. 828



NEW YORKER
Plant Pat. 823



PEACE
Plant Pat. 591



NOCTURNE
Plant Pat. 713



America's Finest Roses are Grown in Northern California

All Roses offered in this List are grown in Northern California on rich, new, irrigated land. Sell the best. Order early.

Terms and Conditions of Sale

TERMS—1% Discount for cash if paid on or before 10th of month following date of invoice, and is due NET 30 days thereafter. Interest charged on past due accounts.

These terms are offered to those with established credit; otherwise cash, security, or satisfactory references. C. O. D. orders must be accompanied by one-fourth cash.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS (INCLUDING PEONIES AND LILIES):

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class allowed to make total. For example: All Fruit Trees are considered one class, all shrubs one class, etc.

SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:

300 of same variety and grade at 1,000 rate.

Under 300 of same variety and grade at 100 rate.

EVERGREENS B & B

30 trees (any assortment) at 100 rate

5 trees (any assortment) at 10 rate

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate

Under 300 bulbs at 100 rate

Note:—Classifications as given above are understood to be as listed under general headings in price list. (Broken lots of less than 10 of any one variety and grade will be billed at 20% above 10 rate.)

BROKEN LOTS—The Wholesale Prices in this list apply for wholesale quantities. Please order in such multiples as to avoid breaking bundles.

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. All goods travel at the purchaser's risk and expense.

TRUCK SERVICE—We are able to offer truck service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

Claims for any cause must be made promptly on receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.

FEBRUARY 8, 1950

MOUNT ARBOR NURSERIES

E. S. WELCH, Pres.

G. L. WELCH, Vice-Pres.

R. M. Gwynn, Secy-Treas.

HEIGHT AND CALIPER — Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that **THE CALIPER SHALL GOVERN**.

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

APPLE and CRAB		Per 10	Per 100	Per 1000
First Class, 11-16 to 7/8 inch, 4½ feet and up		\$ 4.50	\$40.00	\$350.00
" " 9-16 to 11-16, 4 feet and up		4.00	35.00	300.00
" " 7-16 to 9-16, 3 feet and up		2.90	25.00	
" " 5-16 to 7-16, 2 feet and up		2.40	20.00	
" " 7/8-inch and up, 5 feet and up		5.50	50.00	

If interested in quantity lots, write for special prices.

Anoka	Jonathan	*Red Van Buren
*Baldwin	*Jonathan Dark Red	R. I. Greening
Banana	*Kendall	Rome Beauty Red
Black Ben Davis	Maiden Blush	Rome Beauty, Gallia Beauty
*Cortland	McIntosh	*Rome Beauty, Ruby Red
Delicious	*McIntosh Black Mickey	*Tolman Sweet
*Delicious Dark Red	*McIntosh Early	Victory (Minn. No. 396)
*Delicious Yellow	*Melba	Virginia Crab
*Dolgo Crab	Minjon (Minn. No. 700)	*Wealthy
Duchess	Milton	*Whitney Crab
*Duchess Red	Northern Spy	Winesap
*Fameuse	Northern Spy Red	*Winesap Crimson
*Grimes Golden	N. W. Greening	*Yellow Transparent
*Haralson	*Prairie Spy (Minn. No. 1007)	York Imperial
Hyslop Crab	*Red Astrachan	*York Imperial Red
Joan	Red Siberian Crab	

Varieties starred () can be furnished in budded trees.

SPECIAL NOTICE

August 24th, 1949
All of the salable apple varieties propagated and now growing in the Mount Arbor Nurseries, Shenandoah, Iowa have been examined by the Massachusetts Trueness-to-name Inspection Service. To the best of our knowledge, these trees are true to name as they now stand in the nursery row.
(Signed) A. P. French

MASSACHUSETTS TRUENESS-TO-NAME INSPECTION SERVICE

CHERRIES — Sour — On Mahaleb		Per 10	Per 100	Per 1000
Two Years, 11-16 to 1-inch, 4 feet and up		\$ 8.50	\$ 80.00	\$750.00
" " 9-16 to 11-16, 3½ feet and up		7.50	70.00	650.00
" " 1 to 1¼ inch, 4½ feet and up		10.00	90.00	850.00

Early Richmond

English Morello

Montmorency

If interested in quantity lots, write for special prices

		Per 10	Per 100	Per 1000
One Year, 11-16 and up, 3½ feet and up		\$ 8.50	\$ 80.00	\$750.00
" " 9-16 to 11-16, 3 feet and up		7.50	70.00	650.00
" " 7-16 to 9-16, 2½ feet and up		6.50	60.00	
" " 5-16 to 7-16, 2 feet and up		5.00	45.00	

Early Richmond

English Morello

Montmorency

CHERRIES — Sweet		Per 10	Per 100	Per 1000
One year, 11-16 and up, 4½ feet and up, branched and whips		\$11.00	\$100.00	\$900.00
" " 9-16 and up, 4 feet and up, branched and whips		9.00	85.00	800.00
" " 7-16 to 9-16, 3 feet and up, branched and whips		7.50	70.00	650.00
" " 5-16 to 7-16, 2½ feet and up, mostly whips		6.00	55.00	500.00

Bing

Black Tartarian

Lambert

Napoleon

Schmidt's Big

Windsor

Yellow Glass

HANSEN'S BUSH CHERRY

		Per 10	Per 100	Per 1000
Improved besseyi, 3 to 4 feet, transplants		\$ 4.00	\$ 35.00	\$
" " 2 to 3 feet, "		2.90	25.00	
" " 18 to 24 inches, "		2.40	20.00	
" " 18 to 24 inches, one year sdls.			8.00	70.00
" " 12 to 18 inches, one year sdls.			5.50	50.00

PEAR — Standard					Per 10	Per 100	Per 1000
One and Two Years, 11-16 and up, 4½ feet and up					\$ 7.00	\$ 65.00	\$600.00
" " " " 9-16 to 11-16, 4 feet and up					5.50	50.00	450.00
" " " " 7-16 to 9-16, 3 feet and up					4.00	35.00	-----
" " " " 5-16 to 7-16, 2 feet and up					3.00	25.00	-----
" " " " 7-8 inch and up, 5 feet and up					8.00	75.00	-----

If interested in quantity lots, write for special prices

Bantam
Bartlett
B. de Anjou
Beurre Bosc
Bierschmidt
Clapp's Favorite
Douglas
Duchess

Flemish Beauty
Garber
Gorham
Hansen's Seedless
Kieffer
Laxtons Progress
Laxtons Superb
Lincoln

Mendel
Parker
Patten
Seckel
Sheldon
Sodak
Vermont Beauty
Waite

QUINTUPLET PEAR Shenandoah Grown

These were dormant budded Summer 1948 on the side limbs on 2 year trees so buds have one full year's growth.

	Per 10	Per 100	Per 1000
Three Years, 9-16 and up, 5 feet and up	\$15.00	\$135.00	\$ -----
Douglas			
Duchess			
ON BARTLETT			
Lincoln			
Parker			
Seckel			

PEAR—Dwarf					Per 10	Per 100	Per 1000
Two Years, 3-8 to 1-2 inch					\$ 6.00	\$ 55.00	\$ -----
Bartlett				Duchess			

QUINCE

	Per 10	Per 100	Per 1000
Two years, 5-8 inch and up	\$10.00	\$ 90.00	\$800.00
" " 1-2 to 5-8 inch	7.00	65.00	-----
" " 3-8 to 1-2 inch	5.00	45.00	-----

Orange



TWO-YEAR SOUR CHERRY—Shenandoah Grown

Straight trees with well furnished heads and splendid roots. This September photo shows complete foliage, insuring customer satisfaction.

PLUM

	Per 10	Per 100	Per 1000
One and Two Years, 11-16 and up, 4½ feet and up	\$ 7.00	\$ 65.00	\$600.00
" " " " 9-16 to 11-16, 4 feet and up	5.50	50.00	450.00
" " " " 7-16 to 9-16, 3 feet and up	4.00	35.00	300.00
" " " " 5-16 to 7-16, 2 feet and up	3.50	30.00	250.00

EUROPEAN, One and Two Years, on Myrobolan, all branched.

Blue Damson
Green Gage
Italian Prune

Lombard
Reine Claude
Shrop Damson

Stanley Prune
Weber Prune
Yellow Egg

JAPAN, Two Years, on Peach and one year, on Myrobolan, all branched.

Abundance

Burbank

Santa Rosa

PLUM

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up	\$ 7.00	\$ 65.00	\$600.00
" " 9-16 to 11-16, 4 feet and up	5.50	50.00	450.00
" " 7-16 to 9-16, 3 feet and up	4.00	35.00	300.00
" " 5-16 to 7-16, 2 feet and up	3.50	30.00	250.00

AMERICAN and HARDY HYBRIDS, One Year, on Native Roots, branched.

Compass
Elliot
Ember
Fiebing
Goldenrod
Grenville
Hanska
Kaga

Kahinta
LaCrescent
Monitor
Oka
Opata
Pipestone
Red Coat

Red Wing
Sapa
Superior
Toka
Tokato
Underwood
Waneta

PEACH

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up	\$ 5.00	\$ 45.00	\$400.00
" " 9-16 to 11-16, 4 feet and up	4.50	40.00	350.00
" " 7-16 to 9-16, 3 feet and up	3.20	28.00	-----
" " 5-16 to 7-16, 2 feet and up	2.10	18.00	-----

Belle of Georgia
Champion
Crawfords Early
Early Elberta
Early Wheeler
Elberta
Fairhaven

Golden Jubilee
Hale Haven
Hardee
Heath Cling
J. H. Hale
Mayflower
Mikado

Polly
Red Haven
Rochetser
Shippers Late Red
South Haven
Valiant

APRICOTS

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up	\$ 8.00	\$ 75.00	\$ -----
" " 9-16 to 11-16, 4 feet and up	6.50	60.00	-----
" " 7-16 to 9-16, 3 feet and up	5.00	45.00	400.00
" " 5-16 to 7-16, 2 feet and up	4.00	35.00	300.00

Chinese
Iowa

Moorpark

Scout
Tilton

APRICOT—TREES

Grown from selected seed secured from Chinese Apricot bearing orchards of the Northwest.

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up	\$ 6.00	\$ 55.00	\$500.00
" " 9-16 to 11-16 inch, 4 feet and up	5.00	45.00	400.00
" " 7-16 to 9-16 inch, 3 feet and up	3.50	30.00	270.00
" " 5-16 to 7-16 inch, 2 feet and up	2.40	20.00	-----

MULBERRY

	Per 10	Per 100	Per 1000
Russian, 6 to 8 feet, branched	\$ 6.50	\$ 60.00	\$ -----
" 5 to 6 feet, branched	4.50	40.00	-----
" 4 to 5 feet, branched	3.20	28.00	-----

SMALL FRUITS

GRAPE VINES—Western New York Grown

Tied, 2 yr., 50; No. 2, 100 per bundle.

	Per 100	Per 1000
Agawam (Roger's 15) large, red, 2 years, No. 1	\$14.00	\$125.00
“ “ “ “ 2 years, No. 2	12.00	100.00
Beta, black, 2 years, No. 1	14.00	125.00
“ “ 2 years, No. 2	12.00	100.00
Brighton, dark red, 2 years, No. 1	18.00	-----
“ “ “ 2 years, No. 2	14.00	-----
Caco, red, 2 years, No. 1	18.00	-----
“ “ 2 years, No. 2	14.00	-----
Catawba, red, 2 years, No. 1	14.00	125.00
“ “ 2 years, No. 2	12.00	100.00
Concord, black, 2 years, No. 1	12.00	100.00
“ “ 2 years, No. 2	8.00	75.00
Delaware, red, 2 years, No. 1	18.00	150.00
“ “ 2 years, No. 2	14.00	120.00
Fredonia, new early, black, valuable, 2 years, No. 1	14.00	125.00
“ “ “ “ “ 2 years, No. 2	12.00	100.00
Golden Muscat, golden, 2 years, No. 1	60.00	550.00
“ “ “ 2 years, No. 2	50.00	450.00
Moore's Early, black, 2 years, No. 1	16.00	140.00
“ “ “ 2 years, No. 2	13.00	110.00
Niagara, white, 2 years, No. 1	14.00	125.00
“ “ 2 years, No. 2	12.00	100.00
Ontario, green, 2 years, No. 1	20.00	-----
“ “ 2 years, No. 2	15.00	-----
Portland, green, 2 years, No. 1	20.00	180.00
“ “ 2 years, No. 2	16.00	140.00
Sheridan, black, 2 years, No. 1	22.00	-----
“ “ 2 years, No. 2	16.00	-----
Worden, black, 2 years, No. 1	14.00	125.00
“ “ 2 years, No. 2	12.00	100.00

GOOSEBERRIES

Tied, No. 1, 25; No. 2, 50 per bundle

	Per 100	Per 1000
Champion, green, 2 years, No. 2	\$ 18.00	\$160.00
Houghton, dark-red, 2 years, No. 1	20.00	180.00
“ “ “ 2 years, No. 2	18.00	150.00

CURRANTS

Tied, No. 1, 25; No. 2, 50 per bundle

	Per 100	Per 1000
Cherry, dark red, 2 years, No. 1	\$ 14.00	\$125.00
“ “ “ 2 years, No. 2	10.00	85.00
Diploma, light red, 2 years, No. 1	18.00	160.00
“ “ “ 2 years, No. 2	14.00	125.00
Fay's Prolific, dark red, 2 years, No. 1	14.00	125.00
“ “ “ 2 years, No. 2	10.00	85.00
Perfection, bright-red, 2 years, No. 1	16.00	140.00
“ “ “ 2 years, No. 2	12.00	100.00
Red Lake, light red, 2 years, No. 1	18.00	160.00
“ “ “ 2 years, No. 2	14.00	125.00
Wilder, dark red, 2 years, No. 1	14.00	125.00
“ “ “ 2 years, No. 2	10.00	85.00

SMALL FRUITS—Continued

RASPBERRIES

Tied 25 per bundle

	Per 100	Per 1000
Bristol, black, tips	\$ 6.50	\$ 60.00
Chief, red, suckers, 1/4 inch and up heavy	6.50	60.00
“ “ “ No. 1	5.60	50.00
“ “ “ No. 2	4.50	40.00
Cumberland, black, transplants	8.50	75.00
“ black, tips	5.00	45.00
Indian Summer, red, suckers, 1/4 inch and up heavy	7.50	70.00
“ “ “ “ No. 1	6.50	60.00
“ “ “ “ No. 2	5.60	50.00
Latham, red, suckers, 1/4 inch and up heavy	6.50	60.00
“ “ “ No. 1	5.60	50.00
“ “ “ No. 2	4.50	40.00
Logan, black, tips	5.00	45.00
Morrison, black, tips	6.50	60.00
Newburg, red, suckers, 1/4 inch and up heavy	6.50	60.00
“ “ “ No. 1	5.60	50.00
Sodus, purple, tips	6.50	60.00
St. Regis, red, suckers, 1/4 inch and up heavy	6.50	60.00
“ “ “ “ No. 1	5.60	50.00
Sunrise, red, suckers, 1/4 inch and up heavy	6.50	60.00
“ “ “ No. 1	5.60	50.00
“ “ “ No. 2	4.50	40.00
Washington (New), red, suckers, 1/4 inch and up heavy	5.60	50.00
“ “ “ “ No. 1	4.50	40.00

BLACKBERRIES — Root Cutting Plants, No. 1

Tied 25 per bundle

	Per 100	Per 1000		Per 100	Per 1000
Alfred	\$ 5.00	\$ 45.00	Eldorado	\$ 5.00	\$ 45.00
Early Harvest	5.00	45.00	Snyder	5.00	45.00

MISCELLANEOUS BERRIES

Tied 25 per bundle

	Per 100	Per 1000
Boysenberries, tip plants, No. 1	\$ 5.50	\$ 50.00
Boysenberry, Thornless, tip plants, No. 1	6.50	60.00
Lucretia Dewberries, R. C. plants, No. 1	4.50	40.00
“ “ R. C. plants, No. 2	3.50	30.00
Youngberry, Tip Plants, No. 1	6.00	50.00
Youngberry, Thornless, tip plants, No. 1	7.00	60.00

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Mary Washington, 2 year	\$ 1.90	\$ 16.00
“ “ “ 1 year	1.20	10.00
“ “ “ 3 year	2.90	25.00
“ Paradise, 2 year	1.90	16.00
“ “ 1 year	1.20	10.00
“ “ 3 year	2.90	25.00
Horseradish, Cuttings	2.90	25.00
“ Crowns	6.00	50.00
Rhubarb, Victoria, whole roots, 1/2 to 5/8 inch	2.90	25.00
“ “ “ “ 5/8 to 1 inch	4.00	35.00
“ “ “ “ 1 to 1½ inch	5.00	45.00

	Per 10	Per 100
Rhubarb, Chipman's Red, grown from divisions	\$ 4.50	\$ 40.00
Rhubarb, McDonald, grown from divisions	3.30	28.00

FRUIT TREE STOCKS

WESTERN GROWN—Our experience has demonstrated that due to favorable climatic conditions western seedlings are superior for planting. We are using all western grown Apple Seedlings for our grafting and for budding stocks. Also use the other varieties of western grown Fruit Tree Stocks for our own budding, except Native Plum.

PRICES—Are for shipment from Shenandoah.

APPLE SEEDLINGS—Washington Grown

Our Washington Grown Apple Seedlings have made a splendid growth and will be of excellent quality. They will be dug when well ripened, carefully graded, and will please

	Per 100	Per 1000
¼-inch and up, Branched, heavy	\$ 3.50	\$ 30.00
¼-inch and up, Straight, heavy	3.20	28.00
No. 3, about 2-16	1.40	12.00

MAHALEB SEEDLINGS—Washington Grown

¼-inch and up	3.20	28.00
No. 1, 3-16 to 1-4 inch	3.00	26.00
No. 2, 2-16 to 3-16 inch	2.40	20.00
No. 3, about 2-16	1.80	15.00

PEAR SEEDLINGS—Washington Grown

Bartlett (French Strain)

¼-inch and up, Branched, heavy	3.70	32.00
¼-inch and up, Straight, heavy	3.20	28.00
No. 1, 3-16 to 1-4 inch, Branched	3.20	28.00
No. 1, 3-16 to 1-4 inch, Straight	2.90	25.00
No. 2, 2-16 to 3-16 inch, Branched	2.40	20.00
No. 2, 2-16 to 3-16 inch, Straight	2.10	18.00
No. 3, about 2-16 inch	1.70	14.00

Calleryana

¼-inch and up, branched	5.00	45.00
No. 1, 3-16 to 1-4 inch, branched	4.20	38.00
No. 1, 3-16 inch and up, Straight	4.00	35.00
No. 2, 2-16 to 3-16 inch, branched	3.50	30.00
No. 3, about 2-16 inch	2.40	20.00

Serotina

¼-inch and up, branched	5.00	45.00
No. 1, 3-16 to 1-4 inch, branched	4.20	38.00
No. 2, 2-16 to 3-16 inch, branched	3.50	30.00
No. 3, about 2-16 inch	2.40	20.00

PLUM MYROBOLAN—Washington Grown

No. 1, 3-16 to 1-4 inch	3.00	26.00
No. 2, 2-16 to 3-16 inch	2.40	20.00
No. 3, about 2-16 inch	1.80	15.00

PLUM NATIVE—Shenandoah Grown

¼-inch and up	4.50	40.00
No. 1, 3-16 to 1-4 inch	4.00	35.00

QUINCE ROOTED CUTTINGS—Western Grown

¼-inch and up	4.70	42.00
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If Interested in quantity lots of Fruit Tree Seedlings, write for special prices.

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

ASH, GREEN, <i>Fraxinus lanceolata</i>	Per 100	Per 1000
6 to 12 inches	\$ 1.20	\$ 10.00
12 to 18 inches	1.80	15.00
18 to 24 inches	2.50	22.00
2 to 3 feet	3.20	28.00
3 to 4 feet	4.50	40.00
4 to 5 feet	6.50	60.00
5 to 6 feet	9.00	80.00
6 to 8 feet	14.00	110.00
ASH, WHITE, <i>Fraxinus americana</i>		
6 to 12 inches	1.20	10.00
12 to 18 inches	1.80	15.00
18 to 24 inches	2.50	22.00
2 to 3 feet	3.20	28.00
3 to 4 feet	4.50	40.00
4 to 5 feet	6.50	60.00
5 to 6 feet	9.00	80.00
BOX ELDER, <i>Acer negundo</i>		
12 to 18 inches	1.90	16.00
18 to 24 inches	2.60	22.00
2 to 3 feet	3.50	30.00
3 to 4 feet	5.00	45.00
4 to 5 feet	7.00	60.00
5 to 6 feet	9.00	80.00
BUCKTHORN CATHARTICA, <i>Rhamnus cathartica</i>		
9 to 12 inches	3.50	30.00
12 to 18 inches	4.50	40.00
18 to 24 inches	5.60	50.00
2 to 3 feet	7.50	65.00
3 to 4 feet	9.00	80.00
CARAGANA arborescens. Siberian Pea-Tree		
6 to 12 inches	2.10	18.00
12 to 18 inches	3.20	28.00
CATALPA speciosa, Western Catalpa		
6 to 12 inches	.90	8.00
12 to 18 inches	1.40	12.00
18 to 24 inches	1.90	16.00
2 to 3 feet	2.60	22.00
ELM, AMERICAN WHITE, <i>Ulmus americana</i>		
6 to 12 inches	.80	7.00
12 to 18 inches	1.40	12.00
18 to 24 inches	1.90	16.00
2 to 3 feet	2.60	22.00
3 to 4 feet	3.70	32.00
4 to 5 feet	5.60	50.00
5 to 6 feet	9.00	80.00
6 to 8 feet	14.00	110.00

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS—Continued

ELM, CHINESE, *Ulmus pumila*

We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliber, making a strong grade. All seedlings for spring trade will be spring dug.

	Per 100	Per 1000
6 to 12 inches -----	\$.90	\$ 8.00
12 to 18 inches -----	1.70	14.00
18 to 24 inches -----	2.40	20.00
2 to 3 feet -----	3.50	30.00
3 to 4 feet -----	5.00	45.00
4 to 5 feet -----	8.00	70.00
5 to 6 feet -----	12.00	100.00
6 to 8 feet -----	18.00	150.00

HACKBERRY, *Celtis occidentalis*

6 to 12 inches -----	1.70	14.00
12 to 18 inches -----	2.40	20.00
18 to 24 inches -----	3.50	30.00
2 to 3 feet -----	4.50	40.00

HICKORY, SHELLBARK, *Hicoria laciniosa*.

4 to 6 inches -----	4.50	40.00
6 to 12 inches -----	7.00	60.00

LOCUST, BLACK or YELLOW, *Robinia pseudoacacia*

6 to 12 inches -----	.90	8.00
12 to 18 inches -----	1.40	12.00
18 to 24 inches -----	2.10	18.00
2 to 3 feet -----	2.90	25.00
3 to 4 feet -----	4.50	40.00

LOCUST HONEY, *Gleditisa triacanthos*

12 to 18 inches -----	1.40	12.00
3 to 4 feet -----	4.50	40.00
4 to 5 feet -----	7.00	60.00
5 to 6 feet -----	10.00	90.00

LOCUST HONEY, Thornless, *Gleditsia triacanthos inermis*

6 to 12 inches, heavy caliper -----	1.40	12.00
12 to 18 inches -----	1.80	15.00
2 to 3 feet -----	3.50	30.00
3 to 4 feet -----	5.60	50.00

MAPLE SILVER LEAVED, *Acer dasycarpum (saccharinum)*

6 to 12 inches -----	1.20	10.00
12 to 18 inches -----	1.80	15.00
18 to 24 inches -----	2.90	25.00
2 to 3 feet -----	4.50	40.00

MULBERRY, Russian, *Morus tatarica*

12 to 18 inches -----	1.90	16.00
18 to 24 inches -----	2.90	25.00
2 to 3 feet -----	4.00	35.00
3 to 4 feet -----	5.60	50.00
4 to 5 feet -----	8.50	75.00

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS—Continued

OAK, PIN, <i>Quercus palustris</i>	Per 100	Per 1000
12 to 18 inches -----	\$ 7.00	\$ 60.00
18 to 24 inches -----	9.00	80.00
2 to 3 feet -----	12.00	100.00
OSAGE ORANGE, <i>Maclura pomifera</i>		
6 to 12 inches -----	.70	6.00
12 to 18 inches -----	1.20	10.00
18 to 24 inches -----	1.70	14.00
2 to 3 feet -----	2.10	-----
PECAN HARDY, <i>Carya illinoensis</i>		
9 to 12 inches -----	7.00	60.00
12 to 18 inches -----	12.00	100.00
18 to 24 inches -----	18.00	150.00
2 to 3 feet -----	25.00	225.00
3 to 4 feet -----	45.00	400.00
RUSSIAN OLIVE, <i>Elaeagnus angustifolia</i>		
6 to 12 inches -----	2.10	18.00
12 to 18 inches -----	3.20	28.00
18 to 24 inches -----	4.50	40.00
2 to 3 feet -----	6.50	60.00
WALNUT BLACK, <i>Juglans nigra</i>		
12 to 18 inches -----	3.50	30.00
18 to 24 inches -----	4.50	40.00
2 to 3 feet -----	6.00	55.00
3 to 4 feet -----	9.00	80.00
4 to 5 feet -----	12.00	100.00
5 to 6 feet -----	20.00	160.00

ONE YEAR FROM CUTTINGS

POPLAR, <i>Populus</i>	Per 100	Per 1000
Carolina, (Norway Variety) whips 3 to 4 feet -----	\$ 7.00	\$ -----
“ “ “ lightly branched, 4 to 5 feet -----	8.50	75.00
“ “ “ “ “ 5 to 6 feet -----	10.00	-----
Lombardy, lightly branched 4 to 5 feet -----	10.00	90.00
“ “ “ 5 to 6 feet -----	14.00	120.00
WILLOW, <i>Salix</i>		
Russian Golden (vitellina) 2 to 3 feet -----	4.00	35.00
“ “ “ 3 to 4 feet -----	5.00	45.00
“ “ “ 4 to 5 feet -----	7.00	60.00



DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

ASH, American White, *Fraxinus Americanus* Per 10 Per 100 Per 1000

Tall growing, valuable tree for street and park planting.			
5 to 6 feet	\$ 5.50	\$ 50.00	\$ -----
6 to 8 feet	8.50	80.00	-----
8 to 10 feet	12.00	110.00	-----
1½ to 2 inches	25.00	225.00	-----

Green, *Fraxinus pennsylvanica lanceolata*, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.			
5 to 6 feet	5.50	50.00	-----
6 to 8 feet	8.50	80.00	-----
8 to 10 feet	12.00	110.00	-----
1½ to 2 inches	25.00	225.00	-----

BIRCH, European White, *Betula pendula (alba)* 30-40 ft.

A hardy attractive tree with white bark.			
4 to 5 feet	7.50	70.00	-----
5 to 6 feet	11.00	100.00	-----
6 to 8 feet	13.50	125.00	-----
8 to 10 feet	19.00	175.00	-----
1¼ to 1½ inches	22.00	200.00	-----
1½ to 2 inches	35.00	325.00	-----
2 to 2½ inches	45.00	400.00	-----

BOX ELDER, See Maple

BUTTERNUT, See Walnut.

CATALPA, *bungei*, Umbrella Catalpa, 12-18 ft.

Vigorous, large, dark green leaves, used for formal planting.			
4 to 5-foot stems, 1-year heads	11.00	100.00	-----
5 to 6-foot stems, 1-year heads	13.50	125.00	-----
4 to 5-foot stems, 2-year heads	13.50	125.00	-----
5 to 6-foot stems, 2-year heads	16.50	150.00	-----
6 to 7-foot stems, 2-year heads	20.00	-----	-----

Speciosa, Western Catalpa. 30-35 ft.

Well known hardy tree. White flowers, May-June.			
8 to 10 feet, mostly whips	8.00	75.00	-----
1½ to 2 inches	11.00	100.00	-----

COTTONWOOD, See Poplar.

CRAB, Flowering *Malus*, 15-30 ft.

	Per 10	Per 100	Per 1000
2 to 3 feet	\$ 5.00	\$ 45.00	\$ -----
3 to 4 feet	6.50	60.00	-----
4 to 5 feet	8.00	75.00	-----
5 to 6 feet	11.00	100.00	-----

coronaria, wild sweet crab. 25-30 ft.

White with pink flowers, delightfully fragrant. Native American species.

floribunda, Japanese Flowering Crab. 25-30 ft.

Pink buds, rosy-white flowers, small yellow fruit. Early.

floribunda purpurea, Purple Crab. 25-30 ft.

Attractive red foliage in spring; single crimson flowers.

ioensis, Prairie Crab. 15-20 ft.

Native, usually on low lands. Single pink flowers in May. Hardy.

Redvein Crab, *niedzwetzkyana*. 20-25 ft.

A large growing Russian Turkestan variety. Has remarkable large red flowers in April followed by large purplish-red fruit and leaves.

DECIDUOUS TREES—Continued

FLOWERING CRABS

The following varieties are available in shrub or bush form. They are excellent plants for landscape planting or for listing in mail order catalogues.

	Per 10	Per 100	Per 1000
2 to 3 feet, Shrub Form	\$ 5.50	\$ 50.00	\$ ----
3 to 4 feet, " "	7.00	65.00	-----
4 to 5 feet, " "	8.50	80.00	-----
5 to 6 feet, " " (Hopa only)	10.00	90.00	-----
6 to 8 feet, " " (Hopa only)	12.00	110.00	-----

Hopa, Red Flowering Crab. 25-30 ft.

Upright growing with attractive foliage. Entirely covered with crimson buds opening to rose colored flowers in April. Fruit red inside and out.

Eley Flowering Crab, purpurea eleyi. 25-30 ft.

Attractive reddish foliage in spring. Single pink flowers followed by showy red fruit.

ELM, American White, Ulmus americana. 60-100 ft. Per 10 Per 100 Per 1000

The most popular American tree for street and general planting.

5 to 6 feet	\$ 5.50	\$ 50.00	\$ ----
6 to 8 feet	8.00	75.00	-----
8 to 10 feet	11.00	100.00	900.00
1¼ to 1½ inches	13.50	125.00	1150.00
1½ to 1¾ inches	22.00	200.00	1900.00
1¾ to 2 inches	27.50	250.00	2250.00
2 to 2½ inches	35.00	325.00	3000.00
2½ to 3 inches	45.00	400.00	-----

Chinese, Ulmus pumila, Siberian Elm. 50-75 ft.

A hardy, rapid grower, slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

4 to 5 feet	4.00	35.00	300.00
5 to 6 feet	5.50	50.00	450.00
6 to 8 feet	8.00	75.00	700.00
8 to 10 feet	11.00	100.00	900.00
1¼ to 1½ inches	13.50	125.00	-----
1½ to 1¾ inches	22.00	200.00	-----

CHINESE ELM

Root Pruned Trees

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height. Are good value.

	Per 10	Per 100	Per 1000
4 to 5 feet, 7-16 to 9-16 inches	\$ 2.60	\$ 22.00	\$ ----
5 to 6 feet, 9-16 to 11-16 inches	4.00	35.00	-----
6 to 8 feet, 11-16 to 7-8 inches	5.50	50.00	-----
8 to 10 feet, 7-8 to 1 inch	7.50	70.00	-----

HYBRID CHINESE ELM. 40-60 ft.

Ulmus pumila, hybrid

Grown from seed hybridized with American. Fast growing of uniform growth and habit.

	Per 10	Per 100	Per 1000
4 to 5 feet	\$ 4.00	\$ 35.00	\$ ----
5 to 6 feet	5.50	50.00	450.00
6 to 8 feet	8.00	75.00	700.00
8 to 10 feet	11.00	-----	-----

DECIDUOUS TREES—Continued

ELM—Continued

Lake City. 70-90 ft.

Upright, closely branched type of American Elm, large green leaves, larger than Moline, suitable for street and boulevard planting. Highly recommended.

	Per 10	Per 100	Per 1000
6 to 8 feet	\$11.00	\$100.00	\$
8 to 10 feet	16.50	150.00	
1¼ to 1½ inches	20.00	185.00	
1½ to 1¾ inches	27.50		

Moline, *Ulmus molini*. 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

6 to 8 feet	11.00	100.00	
8 to 10 feet	16.50	150.00	
1¼ to 1½ inches	20.00	185.00	
1½ to 1¾ inches	27.50	250.00	
1¾ to 2 inches	35.00		
2 to 2½ inches	45.00		

Vase, *Ulmus urni*. 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

6 to 8 feet	11.00	100.00	
8 to 10 feet	16.50	150.00	
1¼ to 1½ inches	20.00		
1½ to 2 inches	27.50		

HACKBERRY, *Celtis occidentalis*. 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

5 to 6 feet	8.00	75.00	
6 to 8 feet	12.00	110.00	
8 to 10 feet	19.00	165.00	

HONEYLOCUST, *Gleditsia triacanthos*. 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most any kind of soil. Not affected by borers or drought.

5 to 6 feet	7.50	70.00	
6 to 8 feet	12.00	110.00	

Thornless, *Gleditsia Triacanthos inermis*. 50-60 ft.

A variety of Triacanthos without thorns.

5 to 6 feet	9.00	80.00	
6 to 8 feet	13.50	125.00	

KENTUCKY COFFEETREE, *Gymnocladus dioicus*. 50-70 ft.

Light blue green fern-like foliage. Very picturesque even in winter. White flowers, June.

3 to 4 feet	6.00	55.00	
4 to 5 feet	8.00	75.00	
5 to 6 feet	11.00	100.00	
6 to 8 feet	13.50	125.00	
8 to 10 feet	16.50		

LINDEN, American, *Tilia americana*. 60-90 ft.

Rapid growing tree. Large, glossy leaves, fragrant yellow flowers. June.

6 to 8 feet	16.50	150.00	
8 to 10 feet	22.00	200.00	

Platyphyllos, Big Leaf European Linden. 60-70 ft.

Large leaved European Linden making a large symmetrical tree.

1½ to 2 inches	30.00		
2 to 2½ inches	37.50		

Pyramidal, Pyramidal American Linden. 60-70 ft.

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.

8 to 10 feet	25.00	225.00	
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DECIDUOUS TREES—Continued

LOCUST, Black or Yellow, Robinia pseudoacacia. 50-80 ft.

A valuable heat and drought resisting tree. Fragrant white flowers in May followed by small dark seed pods in the autumn.

	Per 10	Per 100	Per 1000
5 to 6 feet	\$ 6.00	\$ 55.00	\$ -----
6 to 8 feet	7.50	70.00	-----
8 to 10 feet	9.00	85.00	-----
1½ to 2 inches	11.00	-----	-----

MAGNOLIA soulangeana, Saucer Magnolia.

The well-known shrub Magnolia, whose large fragrant blooms appear before the leaves. Symmetrical upright grower of excellent habit. Flowers open light purple at base, shading to pink at tips, with inside of petals clear pink to white. One of our most beautiful ornamentals. 20 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet (BALLED IN MOSS)	\$40.00	\$350.00	\$ -----
4 to 5 feet " " "	50.00	450.00	-----

soulangeana nigra, Purple Lily Magnolia.

Flowers are very dark in the bud, opening to a deep purplish-red. Late bloomer. Compact habit of growth. 12 ft.

	Per 10	Per 100	Per 1000
3 to 4 feet (BALLED IN MOSS)	\$40.00	\$350.00	\$ -----
4 to 5 feet " " "	50.00	450.00	-----

MAPLE, Norway, Acer platanoides. 50-60 ft.

Hardy, popular trees. Fine for park and street planting. Spreading habit.

	Per 10	Per 100	Per 1000
8 to 10 feet, branched	\$25.00	\$235.00	\$ -----

Schwedler, Acer platanoides schwedleri. 40-50 ft.

Very popular because of its reddish-purple leaves in the spring.

4 to 5 feet, whips	9.00	85.00	-----
5 to 6 feet, whips	11.00	100.00	-----
8 to 10 feet, branched	35.00	325.00	3000.00
1¼ to 1½ inches, branched	40.00	375.00	-----

Silver, Acer saccharinum (dasycarpum) 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

4 to 5 feet	4.50	40.00	-----
5 to 6 feet	5.50	50.00	-----
6 to 8 feet	9.00	85.00	-----

Sugar, Acer saccharum. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

6 to 8 feet	19.00	175.00	-----
8 to 10 feet, 1 to 1¼ inches	25.00	225.00	-----

MOUNTAIN ASH, European, Sorbus aucuparia. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

5 to 6 feet, whips	10.00	90.00	-----
6 to 8 feet, whips	13.50	125.00	-----
8 to 10 feet, whips	16.50	150.00	-----

Oakleaf, quercifolia. 20-25 ft.

Upright, broad, pyramidal growing tree with attractive foliage, resembling oak leaves.

1½ to 2 inches	32.50	-----	-----
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OAK, Black, Quercus velutina. 75-80 ft.

Deep green foliage turning yellow or reddish-brown in autumn.

6 to 8 feet	22.00	-----	-----
8 to 10 feet	30.00	-----	-----

DECIDUOUS TREES—Continued

OAK—Continued

Bur, Mossycup, *Quercus macrocarpa*. 75-80 ft.

Strong growing Oak, picturesque appearance due to its corky branches.

	Per 10	Per 100	Per 1000
5 to 6 feet	\$15.00	\$	\$
6 to 8 feet	22.00		
8 to 10 feet	30.00		
1½ to 2 inches	40.00		

Pin, *Quercus palustris*. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

8 to 10 feet, 1¼ to 1½ inches	30.00		
1½ to 2 inches	40.00		

White, *Quercus alba*. 60-80 ft.

A rugged Oak of slow growth making a large, magnificent tree.

5 to 6 feet	15.00		
6 to 8 feet	22.00	200.00	
8 to 10 feet	30.00	275.00	
1½ to 2 inches	40.00	350.00	
2 to 2½ inches	50.00	450.00	

PECAN, *Hicoria (Carya illinoensis)*

A native nut bearing tree.

5 to 6 feet	11.00	100.00	
6 to 8 feet	16.50	150.00	
8 to 10 feet	22.00	200.00	

PERSIMMON, American, *Diospyros virginiana*

Very ornamental, with a round-topped head and handsome shining foliage.

4 to 5 feet	10.00		
5 to 6 feet	13.50		
6 to 8 feet	17.50		

POPLAR, *Bolleana, alba bolleana*, Silver Leaved. 50-60 ft.

A rapid growing, columnar tree with silvery foliage.

5 to 6 feet, whips	4.50	40.00	
6 to 8 feet, whips	10.00	90.00	
8 to 10 feet, whips	15.00	135.00	

Carolina, (Norway Variety). 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

5 to 6 feet	4.00	35.00	
6 to 8 feet	5.50	50.00	
8 to 10 feet	8.00	75.00	
1¼ to 1½ inches	11.00	100.00	

Cottonwood, Cottonless. 75-100 ft.

Much preferred over the common species of western cottonwood, because it does not develop seed.

4 to 5 feet	3.20	28.00	
5 to 6 feet	5.50	50.00	
6 to 8 feet	8.00	75.00	
8 to 10 feet	11.00	100.00	

Lombardy, *nigra italica*. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

4 to 5 feet, low branched	2.20	20.00	
5 to 6 feet, " "	3.20	28.00	
6 to 8 feet, " "	4.50	40.00	350.00
8 to 10 feet, " "	6.00	55.00	500.00
1¼ to 1½ inches, low branched	7.00	65.00	600.00
1½ to 2 inches, " "	10.00	90.00	

DECIDUOUS TREES—Continued

POPLAR—Continued

Simoni, Chinese Poplar. 40-50 ft.

Hardy, pyramidal tree. Habits similar to Lombardy. Foliage not as dense and lighter color.

	Per 10	Per 100	Per 1000
4 to 5 feet	\$ 4.00	\$ 35.00	\$ -----
5 to 6 feet	5.50	50.00	450.00
6 to 8 feet	8.00	75.00	700.00
8 to 10 feet	11.00	100.00	-----

PRUNUS, Ornamental Plum.

cistena, Hansen's Purple Leaved Plum. 5-6 ft.

A dwarf variety with rich purple red foliage. Bush form.

18 to 24 inches	5.50	50.00	-----
2 to 3 feet	7.00	65.00	-----
3 to 4 feet	8.50	80.00	-----

Hansen Bush Cherry. 6-7 ft.

An improved Prunus besseyi; very productive and extremely hardy.

18 to 24 inches, transplants, branched	2.40	20.00	-----
2 to 3 feet, " "	2.90	25.00	-----
3 to 4 feet, " "	4.00	35.00	-----

Newport, Purple Leaved (Bush form). 15-20 ft.

Hardy upright grower. Foliage reddish purple with bright red tips.

2 to 3 feet	7.00	65.00	-----
3 to 4 feet	8.50	80.00	-----
4 to 5 feet	11.00	100.00	-----
5 to 6 feet	14.00	125.00	-----

persica, Flowering Peach. 15-20 ft.

An early blooming, double flowering peach.

4 to 5 feet	7.50	70.00	-----
5 to 6 feet	9.00	85.00	-----
6 to 8 feet	11.00	-----	-----

Camelliaeflora, Late red

Iceberg, Early snow-white

Helen Borchers, Clear Pink

Peppermint Stick, Bi-color

Red Flowering, Double Red

tomentosa, Nanking Cherry. 10-12 ft.

Minnesota numbered selections. New fruiting varieties, remarkable showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

3 to 4 feet	8.00	-----	-----
4 to 5 feet	10.00	-----	-----
Minn. No. 21	Orient No. 63	Minn. No. 95	

triloba, Flowering Plum. 8-10 ft.

A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

18 to 24 inches	5.50	50.00	450.00
2 to 3 feet	7.00	65.00	600.00
3 to 4 feet	8.50	80.00	-----

RED BUD, Cercis canadensis. 20-30 ft.

Very attractive, rosy pink almost red flowers in April.

3 to 4 feet	8.00	75.00	-----
4 to 5 feet	11.00	100.00	-----
5 to 6 feet	14.00	125.00	-----

RUSSIAN OLIVE, Elaeagnus angustifolia. (Tree form). 20-25 ft.

Attractive silver gray leaves, grayish white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Hardy.

3 to 4 feet (Tree Form)	5.50	50.00	-----
4 to 5 feet " "	7.00	65.00	-----
5 to 6 feet " "	9.00	85.00	-----
6 to 8 feet " "	14.00	125.00	-----

DECIDUOUS TREES—Continued

SOPHORA JAPONICA, Japan Pagodatree. 50-60 ft.

Per 10 Per 100 Per 1000

Handsome tree with spreading branches, forming a dense round head. Attractive white flowers disposed in panicles; dark green branches.

3 to 4 feet	\$14.00	\$125.00	\$
4 to 5 feet	19.00	175.00	
5 to 6 feet	25.00	225.00	
6 to 8 feet	30.00	275.00	

SYCAMORE or American Planetree, Platanus occidentalis. 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

5 to 6 feet	11.00	100.00	
6 to 8 feet	14.00	125.00	
8 to 10 feet	19.00	175.00	
1¼ to 1½ inches	25.00	225.00	
1½ to 2 inches	35.00	325.00	
2 to 2½ inches	45.00		

THORN, Crataegus, arnoldiana, Arnold's Thorn. 18-20 ft.

An open-headed tree producing white flowers in May and bright crimson fruit in August.

5 to 6 feet	30.00	275.00	
6 to 8 feet	45.00	400.00	
8 to 10 feet	60.00		

coccinea, (intricata) Thicket Hawthorn. 20-25 ft.

Bushy tree, white flowers, dull red fruit.

5 to 6 feet	30.00	275.00	
6 to 8 feet	45.00		

cordata (phaenopyrum) Washington Hawthorn. 20-25 ft.

Bright red fruit, brilliant autumn foliage. Pyramidal habit of growth.

5 to 6 feet	30.00	275.00	
6 to 8 feet	45.00	400.00	
8 to 10 feet	60.00	550.00	

crusgalli, Cockspur Thorn. 20-25 ft.

Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit, long thorns.

5 to 6 feet	30.00	275.00	
6 to 8 feet	45.00	400.00	

mollis, Downy Hawthorn. 15 ft.

Vigorous spreading growth. Large leaves, attractive red fruit.

5 to 6 feet	22.50	200.00	
6 to 8 feet	30.00	275.00	
8 to 10 feet	45.00	400.00	

Oxycantha, English Hawthorn. 12-15 ft.

A small shrubby tree. Single white blooms in the spring.

3 to 4 feet	16.50	150.00	
4 to 5 feet	22.50	200.00	

Paul's Scarlet Hawthorn, oxycantha pauli. 15-20 ft.

Produces brilliant double scarlet flowers in June.

4 to 5 feet	15.00	135.00	
5 to 6 feet	19.00	175.00	
6 to 8 feet	25.00	225.00	

punctata, Dotted Hawthorn. 25-30 ft.

Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.

5 to 6 feet	30.00	275.00	
6 to 8 feet	45.00	400.00	
8 to 10 feet	60.00	550.00	

DECIDUOUS TREES—Continued

WALNUT, Black, *Juglans nigra*. 80-100 ft.

Valuable tree for the wood and nuts.

	Per 10	Per 100	Per 1000
4 to 5 feet	\$ 7.50	\$ 70.00	\$ -----
5 to 6 feet	10.00	90.00	-----
6 to 8 feet	13.50	125.00	-----
8 to 10 feet	16.50	150.00	-----
1½ to 2 inches	22.50	200.00	-----

Butternut, *Juglans cinera*. 50-60 ft.

Spreading tree with large leaves, producing edible nuts.

	Per 10	Per 100	Per 1000
3 to 4 feet	8.00	75.00	-----
4 to 5 feet	11.00	100.00	-----
5 to 6 feet	16.50	-----	-----
6 to 8 feet	22.00	-----	-----

WALNUT, Thomas Black. (1 year grafted) 50-60 ft.

A grafted variety of Black Walnut that produces very large nuts with larger kernels, better flavor, and much easier to get out. Bears very young, and after a few years will produce big crops.

	Per 10	Per 100	Per 1000
3 to 4 feet	\$16.50	\$ -----	\$ -----
4 to 5 feet	19.00	-----	-----

WILLOW, *Salix****babylonica*, Babylon Weeping Willow. 40-50 ft.**

Rapid grower with long pendulous branches. Not hardy in this latitude.

	Per 10	Per 100	Per 1000
4 to 5 feet	\$ 4.00	\$ 35.00	\$ -----
5 to 6 feet	6.50	60.00	-----
6 to 8 feet	10.00	90.00	-----

Laurel leaved, *Salix pentandra*. 30-40 ft.

Hardy upright grower with large, dark green leaves.

	Per 10	Per 100	Per 1000
4 to 5 feet	4.50	40.00	-----
5 to 6 feet	6.50	60.00	-----
6 to 8 feet	10.00	90.00	-----
8 to 10 feet	12.00	-----	-----

Niobe Weeping. 30-35 ft.

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.

	Per 10	Per 100	Per 1000
3 to 4 feet	2.90	25.00	-----
4 to 5 feet	4.00	35.00	-----
5 to 6 feet	6.50	60.00	-----
6 to 8 feet	10.00	90.00	-----
8 to 10 feet	12.00	110.00	-----

Pussy, *Salix discolor*. 20-25 ft.

Popular willow on account of catkins in March-April before leaves.

	Per 10	Per 100	Per 1000
18 to 24 inches	2.50	22.00	200.00
2 to 3 feet	3.50	30.00	270.00
3 to 4 feet	4.50	40.00	-----
4 to 5 feet	6.50	60.00	550.00
5 to 6 feet	10.00	90.00	800.00

Russian Golden, *Salix vitellina aurea*. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

	Per 10	Per 100	Per 1000
4 to 5 feet	3.50	30.00	-----
5 to 6 feet	5.50	50.00	-----
6 to 8 feet	8.00	75.00	-----

Wisconsin Weeping, *Salix blanda*. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

	Per 10	Per 100	Per 1000
4 to 5 feet	4.00	35.00	-----
5 to 6 feet	6.50	60.00	-----
6 to 8 feet	10.00	90.00	-----
8 to 10 feet	12.00	110.00	-----

ORNAMENTAL SHRUBS

Our Shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well finished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPANAX sieboldianus (Pentaphyllum), Five leaf Aralia. 10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 2.10	\$ 18.00	\$ -----
18 to 24 inches	2.90	25.00	220.00
2 to 3 feet	3.80	35.00	300.00
3 to 4 feet	4.50	40.00	-----

ALMOND, Pink Flowering, Prunus glandulosa. 5-6 ft.

Double pink. Very ornamental, limbs being covered with masses of flowers. April-May.

12 to 18 inches, Own Root	2.90	25.00	200.00
18 to 24 inches, " "	4.00	35.00	-----
2 to 3 feet, " "	5.00	45.00	400.00
3 to 4 feet, " "	6.00	55.00	500.00

White Flowering, Prunus glandulosa. 5-6 ft.

Double white. Branches covered with masses of flowers. April-May.

18 to 24 inches	5.00	-----	-----
2 to 3 feet	6.00	-----	-----
3 to 4 feet	7.00	-----	-----

ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red, and white.

12 to 18 inches	1.40	12.00	100.00
18 to 24 inches	2.10	18.00	150.00
2 to 3 feet	2.50	22.00	200.00
3 to 4 feet	3.20	28.00	250.00

d-Double

s-Single

Anemonaeflorus, d pink
Ardens, d purple
Boule de Feu, d red
*Coelestris, s blue

Jeanne d' Arc, d white
Lucy, d red
Purple, semi-double
Rubis, s red

*Starred variety available 12/18 inch 18/24 inch and 2/3 feet grades only, 10¢ higher per grade.

ARONIA arbutifolia, Red Chokeberry. 8-10 ft.

White flowers sometimes tinged with red. April-May. Bright red fruit and red foliage in autumn.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 2.90	\$ 25.00	\$ -----
18 to 24 inches	4.00	35.00	-----
2 to 3 feet	5.00	45.00	-----

melanocarpa, Black Chokeberry. 6-8 ft.

Attractive white flowers, smooth foliage, with black shiny fruit in Autumn.

12 to 18 inches	2.50	22.00	-----
18 to 24 inches	3.50	30.00	-----

ORNAMENTAL SHRUBS—Continued

BARBERRY, *Berberis*

thunbergi, Common Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

	Per 10	Per 100	Per 1000
9 to 12 inches.....	\$ 1.10	\$ 9.00	\$ -----
12 to 15 inches.....	1.80	15.00	120.00
15 to 18 inches.....	2.20	19.00	160.00
18 to 24 inches.....	2.50	22.00	200.00
2 to 2½ feet.....	3.50	30.00	270.00
2½ to 3 feet.....	4.00	35.00	-----

Our Barberry Thunbergi are 2 and 3 year heavy, well furnished transplants that will please the most critical trade. Write for special quotations on quantity lots.

See Hedging for Seedlings and smaller grades.

Box, *Berberis minor*. 2-3 ft.

Dwarf form of Japanese Barberry Fine for low hedges or borders.

9 to 12 inches.....	2.10	18.00	-----
12 to 15 inches.....	2.90	25.00	-----
15 to 18 inches.....	3.50	30.00	-----

Red Leaved, *Berberis atropurpurea*. 3-6 ft.

Variety of Japanese Barberry with bright red foliage.

9 to 12 inches.....	1.90	16.00	-----
12 to 15 inches.....	2.40	20.00	-----
15 to 18 inches.....	3.20	28.00	250.00
18 to 24 inches.....	4.00	35.00	320.00
2 to 2½ feet.....	5.00	45.00	-----

BERBERIS MENTORENSIS

Plant Patent No. 99

(Sun or shade—ultimate height 5 ft.)

Barberry mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong, upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

Size	Wholesale Prices Net			Retail Resale Prices		
	Per 10	Per 100	Per 1000	Per 3	Per 12	Per 100
15 to 18 inches.....	\$5.00	\$37.50	\$ -----	\$2.60	\$ 7.25	\$50.00

TRUEHEDGE COLUMNBERRY

Var. *Berberis Thunbergi, erecta*

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

Size	Wholesale Prices Net			Retail Resale Prices			
	Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100
12 to 15 inches.....	\$2.80	\$23.00	\$210.00	\$.60	\$2.25	\$10.00	\$36.00
15 to 18 inches.....	3.50	30.00	270.00	.70	2.85	12.50	45.00
18 to 24 inches.....	4.50	37.00	340.00	.90	3.50	15.00	55.00
2 to 2½ feet.....	5.50	45.00	420.00	1.10	4.25	18.75	70.00

ORNAMENTAL SHRUBS—Continued**BUCKTHORN, *Rhamnus cathartica*, Common Buckthorn. 10-12 ft.**

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.20	\$ 10.00	\$
18 to 24 inches.....	1.80	15.00	.....
2 to 3 feet.....	2.40	20.00	.....

Korean, *koraiensis*. 8-10 ft.

A hardy, vigorous grower with large dark green leaves. Foliage very attractive; produces an abundance of black fruit.

18 to 24 inches.....	1.80	15.00	.....
2 to 3 feet.....	2.40	20.00	.....
3 to 4 feet.....	3.50	30.00	.....

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.

We are growing most of our Buddleia in California where soil and climatic conditions are ideal for producing strong, well rooted plants that are properly matured. You will like them.

Charming

Long sprays covered with lavender-pink blooms which compared to other varieties, are distinctly pink. Has exceptional value for house decoration.

Medium	2.50	22.00	200.00
No. 1	3.20	28.00	250.00

Dubonnet

A new dark wine dubonnet colored Buddleia with firm, large, spikes and individual flowers of good size that do not sunburn.

Medium	2.40	20.00	180.00
No. 1	2.90	25.00	220.00

Fortune (Plant Patent No. 206.) 4-6 ft.

Flowers of pure lilac with a brilliant orange eye; large, fully round sprays of 2 ft. in length. Desirable for cut flowers. Foliage deep leathery, dark green. Prolific bloomer. (Retail at 75¢ each, \$6.00 per doz.)

No. 1	3.50	30.00
-------------	------	-------	-------

Ile de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

Medium	2.40	20.00	180.00
No. 1	2.90	25.00	220.00

Orchid Beauty

An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.

Medium	2.50	22.00	.....
No. 1	3.20	28.00	.....

BURGUNDY

A Mount Arbor introduction- A new Buddleia of merit. Strong, upright growing plant produces an abundance of well rounded flower trusses often measuring 18 inches in length. The individual florets open practically all at the same time. The color is "Burgundy Wine-red" that is even more brilliant in sunlight in the garden or where used as a cut flower under artificial light.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$

ORNAMENTAL SHRUBS—Continued**BUDDLEIA, Butterfly Bush—Continued****EMPIRE BLUE**

(Patent No. 557)

We have seen no other blue Buddleia that compares with this. The color is an Aster-blue with a delicate lilac tone, the whole effect being an exquisite shade of blue.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00
(Retail 75¢ each, \$7.50 per doz.)			

PINK DAWN

A Mount Arbor introduction—cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire summer and autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$ -----

ROYAL RED

(Patent No. 556)

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length: color rich dark royal purple, intensified to almost red when displayed under artificial light. - Plant attains 4-6 ft. height, and foliage is deep leathery green.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00
(Retail 75¢ each, \$7.50 per doz.)			

SNOWBANK

A Mount Arbor introduction. This new white Buddleia produces fully round and compact sprays measuring 10 to 15 inches in length and carries an abundance of deep, dark green foliage.

	Per 10	Per 100	Per 1000
No. 1 dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$ -----

WHITE BOUQUET

(Patent No. 536)

A new white Buddleia carrying 8-inch spikes of fully rounded-out blooms. Splendid for cut flower purposes. (Retail at 85¢ each, \$8.50 per doz.)

	Per 10	Per 100	Per 1000
No. 1	\$ 4.50	\$ 40.00	\$300.00

CALLICARPA dichotoma (purpurea) Chinese Beautyberry. 4-6 ft.

Clusters of attractive purple berries in the fall. Tops kill back like Butterfly Bush.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 2.10	\$ -----	\$ -----
18 to 24 inches.....	2.90	-----	-----
2 to 3 feet.....	4.00	-----	-----
3 to 4 feet.....	5.00	-----	-----

ORNAMENTAL SHRUBS—Continued

CHAENOMELES, See Cydonia

CORNUS, Dogwood

alba sibirica, Siberian Dogwood. 10-12 ft.

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.			
	Per 10	Per 100	Per 1000
2 to 3 feet	\$ 4.00	\$ 35.00	\$300.00
3 to 4 feet	5.00	45.00	400.00
4 to 5 feet	6.00	55.00	-----

florida rubra, Red Flowering Dogwood. 15-20 ft.

Variety of Cornus Florida with bright pink flowers.			
2 to 3 feet (Balled in Moss)	20.00	-----	-----

Goldentwig, stolonifera flaviramea. 8-10 ft.

Distinct yellow bark, has fine winter effect.			
12 to 18 inches	2.10	18.00	-----
18 to 24 inches	2.90	25.00	-----
2 to 3 feet	4.00	35.00	300.00
3 to 4 feet	5.00	45.00	400.00
4 to 5 feet	6.00	55.00	-----

racemosa (paniculata) Gray Dogwood. 12-15 ft.

White flowers in May followed by white fruit.			
18 to 24 inches	3.20	28.00	-----
2 to 3 feet	4.50	40.00	-----
3 to 4 feet	5.50	50.00	-----

Variegated, gouchaulti (Elegantissima) Silverblotch Dogwood. 6-8 ft.

Silver Variegated leaves, bright red bark. Very attractive.			
12 to 18 inches	4.00	35.00	-----
18 to 24 inches	5.50	-----	-----

CYDONIA japonica (Chaenomeles). Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.			
12 to 18 inches	2.40	20.00	-----
2 to 3 feet	4.00	35.00	-----
3 to 4 feet	4.50	40.00	-----

NEW NAMED INTRODUCTIONS
CYDONIA (grafted)

We are listing below some of the newer varieties of grafted CYDONIAS which we can recommend for the general planting.

		Per 10	Per 100	Per 1000
12 to 18 inches		\$ 4.50	\$ -----	\$ -----
18 to 24 inches		5.50	50.00	-----
2 to 3 feet		6.50	60.00	-----
3 to 4 feet		7.50	-----	-----
	3-4'	2-3'	18-24"	12-18"
Apple Blossum, pink	30	380	140	45
Candida, white	---	10	10	20
Coral Sea, salmon	20	330	170	160
Crimson Gold	---	35	30	10
Nivilis, white	10	---	50	10
Scarlet O'Hara, scarlet	---	40	30	10
Snowbird, white	---	20	30	10
Stanford Red, red	50	190	120	10

ORNAMENTAL SHRUBS—Continued

DEUTZIA, Lemoine, lemoinei Deutzia. 5-6 ft.

Large white showy flowers in May. Quite hardy. Per 10 Per 100 Per 1000

9 to 12 inches.....\$ 2.10 \$ 18.00 \$ -----

12 to 18 inches.....2.90 25.00 -----

18 to 24 inches.....4.50 40.00 -----

Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.

18 to 24 inches.....2.40 20.00 180.00

2 to 3 feet.....3.20 28.00 250.00

3 to 4 feet.....4.50 40.00 350.00

4 to 5 feet.....5.50 50.00 -----

scabra florepleno rosea. 5-6 ft.

Strong growing variety of Fuzzy Deutzia Doublerose.

18 to 24 inches.....2.90 25.00 -----

2 to 3 feet.....4.00 35.00 -----

3 to 4 feet.....5.00 45.00 -----

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.

2 to 3 feet (Shrub Form).....4.00 35.00 -----

3 to 4 feet " ".....5.00 45.00 -----

4 to 5 feet " ".....6.00 55.00 -----

5 to 6 feet " ".....7.00 65.00 -----

ELDER American, sambucus canadensis. 8-10 ft.

Hardy, native shrub with white fragrant flowers, June-July, followed by black berries.

12 to 18 inches.....1.90 16.00 -----

18 to 24 inches.....2.50 22.00 -----

Golden American, Sambucus canadensis aurea. 10-12 ft.

18 to 24 inches.....2.90 25.00 -----

2 to 3 feet.....4.00 35.00 -----

3 to 4 feet.....5.00 45.00 -----

4 to 5 feet.....5.50 50.00 -----

EUONYMUS atropurpureus, Eastern Wahoo. 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

12 to 18 inches.....2.40 20.00 -----

18 to 24 inches.....3.50 30.00 -----

2 to 3 feet.....4.50 40.00 -----

patens, Spreading Euonymus. 4-5 ft.

Graceful, spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.

6 to 9 inches.....1.40 12.00 -----

9 to 12 inches.....2.40 20.00 -----

yedoensis, Yeddo Euonymus. 10-12 ft.

Large shrub with masses of pink and orange four lobed fruit.

12 to 18 inches.....2.40 20.00 175.00

18 to 24 inches.....3.50 30.00 270.00

2 to 3 feet.....4.50 40.00 350.00

ORNAMENTAL SHRUBS—Continued

FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.

Upright, arching branches. Bright yellow flowers early in April.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 2.10	\$ 18.00	\$ -----
18 to 24 inches.....	2.90	25.00	-----
2 to 3 feet.....	4.00	35.00	-----
3 to 4 feet.....	5.00	45.00	-----

intermedia, Border Forsythia. 8-10 ft.

Vigorous, spreading, bright yellow flowers early in April.

12 to 18 inches.....	2.10	18.00	160.00
18 to 24 inches.....	2.90	25.00	220.00
2 to 3 feet.....	4.00	35.00	300.00
3 to 4 feet.....	5.00	45.00	400.00

intermedia spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.

12 to 18 inches.....	2.10	18.00	160.00
18 to 24 inches.....	2.90	25.00	220.00
2 to 3 feet.....	4.00	35.00	300.00
3 to 4 feet.....	5.00	45.00	400.00

FORSYTHIA SPRING GLORY

A new Forsythia that produces an abundance of attractive large pale yellow flowers completely covering the branches and making a brilliant and cheerful display for the garden in the spring.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 2.90	\$ 25.00	\$ -----
18 to 24 inches.....	3.50	30.00	-----
2 to 3 feet.....	4.50	40.00	-----
3 to 4 feet.....	5.50	50.00	450.00

suspensa, Weeping Forsythia. 6-8 ft.

Per 10 Per 100 Per 1000

Slender pendulous branches. Golden yellow flowers in April.

12 to 18 inches.....	\$ 2.10	\$ 18.00	\$ -----
18 to 24 inches.....	2.90	25.00	-----
2 to 3 feet.....	4.00	35.00	-----
3 to 4 feet.....	5.00	45.00	-----

viridissima, Greenstem Forsythia. 7-8 ft.

Stocky grower. Dark green leaves, yellow flowers. Late bloomer.

18 to 24 inches.....	2.90	25.00	-----
2 to 3 feet.....	4.00	35.00	-----
3 to 4 feet.....	5.00	45.00	-----

HONEYSUCKLE, Lonicera

bella albida, White Belle Honeysuckle. 10-12 ft.

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

18 to 24 inches.....	2.90	25.00	-----
2 to 3 feet.....	4.00	35.00	300.00
3 to 4 feet.....	5.00	45.00	400.00
4 to 5 feet.....	5.50	50.00	-----

bella rosea, Pink Belle Honeysuckle. 7-8 ft.

Hardy, spreading, medium grower. Attractive pink flowers, red fruit.

18 to 24 inches.....	2.90	25.00	-----
2 to 3 feet.....	4.00	35.00	-----
3 to 4 feet.....	5.00	45.00	-----

fragrantissima, Winter Honeysuckle. 6-8 ft.

Fragrant white flowers March-April. Nearly evergreen, semi-hardy.

12 to 18 inches.....	2.10	18.00	-----
18 to 24 inches.....	2.90	25.00	-----

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE, *Lonicera*—Continued**grandiflora rosea, Bride. 12-15 ft.**

Flowers bright pink, April-May. One of the best pink upright honeysuckles.
Hardy, strong, upright grower.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 2.10	\$ 18.00	\$ -----
18 to 24 inches	2.90	25.00	220.00
2 to 3 feet	4.00	35.00	300.00
3 to 4 feet	5.00	45.00	400.00
4 to 5 feet	5.50	50.00	450.00

Morrow Honeysuckle, morrowi. 7-8 ft.

Spreading habit, attractive foliage. White flowers, May-June. Red berries.

18 to 24 inches	2.90	25.00	-----
2 to 3 feet	4.00	35.00	-----
3 to 4 feet	5.00	45.00	-----

Pink Tatarian, tatarica rosea. 10-12 ft.

Hardy, vigorous grower. Pink flowers. April-May red fruit.

12 to 18 inches	2.10	18.00	-----
18 to 24 inches	2.90	25.00	220.00
2 to 3 feet	4.00	35.00	300.00
3 to 4 feet	5.00	45.00	400.00
4 to 5 feet	5.50	50.00	450.00

Red Tatarian, tatarica rubra. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

12 to 18 inches	2.10	18.00	-----
18 to 24 inches	2.90	25.00	220.00
2 to 3 feet	4.00	35.00	300.00
3 to 4 feet	5.00	45.00	400.00
4 to 5 feet	5.50	50.00	450.00

virginalis alba, Maiden Honeysuckle. 8-10 ft.

Hardy, upright grower. Flowers white, April-May.

18 to 24 inches	2.90	25.00	-----
2 to 3 feet	4.00	35.00	-----
3 to 4 feet	5.00	45.00	-----

zabeli, Zabel Honeysuckle. 8-10 ft.

An improved strain of Red Tatarian Honeysuckle.

18 to 24 inches	3.20	28.00	-----
2 to 3 feet	4.50	40.00	-----
3 to 4 feet	5.50	50.00	-----
4 to 5 feet	6.50	60.00	-----

HONEYSUCKLE (Also see Hedging)

HYDRANGEA arborescens grandiflora, Snowhill. 5-6 ft.

Large, double white flowers June-July. Thrives in shady places.

12 to 18 inches	2.90	25.00	220.00
18 to 24 inches	4.00	35.00	320.00
2 to 3 feet	5.50	50.00	-----

paniculata grandiflora, Peegee Hydrangea. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn, July-October.

12 to 18 inches	2.90	25.00	220.00
18 to 24 inches	4.00	35.00	320.00
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	550.00

HYPERICUM frondosum (aureum) Golden St. Johnswort. 4 ft.

Hardy shrub with bright yellow flowers. July-August.

12 to 18 inches	2.50	22.00	-----
18 to 24 inches	3.50	30.00	-----
2 to 3 feet	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

ILEX verticillata, Winterberry. 6-8 ft.	Per 10	Per 100	Per 1000
Bright red berries which remain until midwinter.			
12 to 18 inches	\$ 2.90	\$ 25.00	\$
18 to 24 inches	4.00	35.00	
2 to 3 feet	5.00		

KERRIA japonica, Single Kerria. 4 ft.			
Beautiful, single, yellow flowers. June-September. Kills back in winter in this latitude.			
12 to 18 inches	3.50	30.00	----
18 to 24 inches	5.00	45.00	----
2 to 3 feet	6.00	55.00	----

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.			
A graceful shrub, covered with small pink flowers in May.			
12 to 18 inches	3.50	30.00	----
18 to 24 inches	5.00	45.00	400.00
2 to 3 feet	6.00	55.00	500.00

LILAC, Syringa. 12-15 ft.			
French Lilacs, Named varieties.			
Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.			
12 to 18 inches	4.00	35.00	
18 to 24 inches	5.50	50.00	
2 to 3 feet	7.00	65.00	
3 to 4 feet	8.50	80.00	

	s-Single		d-Double	
	3/4'	2/3'	18/24"	12/18"
Alphonse Lavalle, d lilac	--	X	X	--
Bleuatre, s blue	X	X		
Chas. X, s red	X	X	X	X
French White, s white	--	X	X	
Gloire de Moulins, s pink	--	X	X	X
Hugo Koster, s lilac	--	X	X	X
Mme. Lemoine, d white	--	--	--	X
Marie Legraye, s white	--	--	X	X
Michael Buchner, d lilac	--	X	X	
Mirabeau, s reddish violet	--	X	X	
Mrs. W. E. Marshall, s reddish purple	--	X		
President Carnot, d orchid pink	--	--	X	--
President Grevy, d bluish lilac	--	X	X	X
Pres. Lincoln, s blue	--	--	--	X
Vestale, s white	--	--	X	X

(X indicates grades available in each variety)

Common Purple, vulgaris. 12-18 ft.	Per 10	Per 100	Per 1000
Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.			
18 to 24 inches	\$ 3.20	\$ 28.00	\$250.00
2 to 3 feet	4.00	35.00	300.00

Common White, vulgaris alba. 12-15 ft.			
Hardy, vigorous shrub. Attractive foliage, single white flowers.			
12 to 18 inches	2.90	25.00	----
18 to 24 inches	4.50	40.00	----
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	----

ORNAMENTAL SHRUBS—Continued

LILAC—Continued

Chinese, rothomagensis. 8-10 ft.

Generally grown and sold for Persian lilac. Upright, vigorous grower, reddish purple flowers. April-May. One of the best for general planting on account of its free blooming qualities and hardiness. Per 10 Per 100 Per 1000

18 to 24 inches.....	\$ 3.50	\$ 30.00	\$ -----
2 to 3 feet.....	4.50	40.00	350.00
3 to 4 feet.....	5.50	50.00	450.00
4 to 5 feet.....	6.50	60.00	550.00

Dr. Bretschneider. 8-10 ft.

Hardy upright grower. Large attractive leaves. Beautiful lavender flowers. Villosa type, blooms late. Per 10 Per 100 Per 1000

12 to 18 inches.....	\$ 2.90	\$ -----	\$ -----
18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	-----
3 to 4 feet.....	6.50	60.00	-----

Josikaea, Hungarian Lilac. 8-10 ft.

Upright grower, attractive dark green foliage, dark violet flowers.

18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	400.00
3 to 4 feet.....	6.50	-----	-----

Persian Purple, see Lilac Rothomagensis.

We recommend use of Rothomagensis which is similar in habit of growth but produces superior flowers and foliage.

rubra de marley, vulgaris variety. 10-12 ft.

An improved strain of vulgaris lilac, often classed as a hybrid variety, producing a mass of single, rich, reddish purple flowers. Hardy and vigorous grower.

12 to 18 inches.....	2.50	22.00	-----
18 to 24 inches.....	3.50	30.00	-----
2 to 3 feet.....	4.50	40.00	-----
3 to 4 feet.....	5.50	50.00	-----

villosa. Late Lilac. 8-10 ft.

Bushy compact grower. Large, attractive leaves, pale pink flowers.

12 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	-----

PHILADELPHUS, Mockorange**amalthee. 5-6 ft.**

Outstanding Philadelphus with large single white flowers with pink center.

12 to 18 inches.....	3.50	30.00	-----
18 to 24 inches.....	4.50	40.00	350.00
2 to 3 feet.....	5.50	50.00	450.00

Bouquet Blanc. 4-5 ft.

Blooms freely in May and June. Very fragrant. Outstanding variety.

12 to 18 inches.....	2.90	25.00	-----
4 to 5 feet.....	7.00	-----	-----

coronarius, Sweet Mockorange. 8-10 ft.

A popular well known, hardy shrub. White, fragrant flowers in May-June.

18 to 24 inches.....	2.50	22.00	200.00
2 to 3 feet.....	3.20	28.00	250.00
3 to 4 feet.....	4.20	38.00	320.00
4 to 5 feet.....	5.50	50.00	450.00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS, Mockorange—Continued

lemoinei, Lemoine Mockorange. 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$ 2.10	\$ 18.00	\$ -----
18 to 24 inches	3.50	30.00	270.00
2 to 3 feet	4.00	35.00	320.00
3 to 4 feet	5.00	45.00	-----

pyramidalis. 10-12 ft.

Tall pyramidal grower. Semi-double flowers. May-June.

12 to 18 inches	2.50	22.00	-----
18 to 24 inches	3.50	30.00	270.00
2 to 3 feet	4.50	40.00	350.00

virginalis, Virginal Mockorange. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season beginning in May.

12 to 18 inches	3.50	30.00	270.00
18 to 24 inches	4.50	40.00	350.00
2 to 3 feet	5.50	50.00	450.00
3 to 4 feet	6.50	60.00	-----

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

18 to 24 inches	2.90	25.00	-----
2 to 3 feet	4.00	35.00	-----
3 to 4 feet	5.00	45.00	-----
4 to 5 feet	5.50	50.00	-----

Goldleaf Ninebark, opulifolius luteus (aureus). 8-10 ft.

Golden leaved variety producing white flowers in May-June.

18 to 24 inches	3.20	28.00	-----
2 to 3 feet	4.00	35.00	-----

opulifolius nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers. May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

18 to 24 inches	2.90	25.00	---
2 to 3 feet	4.00	35.00	300.00
3 to 4 feet	5.00	45.00	-----

POTENTILLA fruticosa, Bush Cinquefoil. 4-5 ft.

Dwarf. Produces bright yellow flowers throughout the summer.

12 to 18 inches	2.90	25.00	220.00
18 to 24 inches	4.00	35.00	300.00

PRIVET — Ligustrum

Amoor North, amurense. 12-15 ft.

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

	Per 10	Per 100	Per 1000
9 to 12 inches, branched	\$ ---	\$ 5.00	\$ 45.00
12 to 18 inches, 2 canes	---	7.00	60.00
12 to 18 inches, 3 canes and up	---	8.00	70.00
18 to 24 inches, 2 canes	---	8.00	70.00
18 to 24 inches, 3 canes and up	---	10.00	90.00
2 to 3 feet, 2 canes	---	10.00	90.00
2 to 3 feet, 4 canes and up	---	14.00	120.00
3 to 4 feet, 4 canes	---	16.00	140.00
3 to 4 feet, 5 canes and up	---	18.00	160.00

California, ovalifolium. 12-15 ft.

An attractive, popular hedge plant where hardy.

12 to 18 inches, 3 canes and up	---	7.00	60.00
18 to 24 inches, 3 canes and up	---	8.00	75.00
2 to 3 feet, 4 canes and up	---	10.00	90.00
3 to 4 feet, 5 canes and up	---	14.00	120.00

ORNAMENTAL SHRUBS—Continued

PRIVET—Continued

Ibolum, Hardy California. 8-10 ft.

Upright, vigorous with foliage similar to California but much hardier.

	Per 10	Per 100	Per 1000
2 to 3 feet, 4 canes and up	\$ ----	\$ 14.00	\$120.00
3 to 4 feet, 4 cane	----	16.00	140.00
3 to 4 feet, 5 canes and up	----	18.00	160.00

Ibota vicari, Hardy Golden Ibota Privet. 3-6 ft.

New hardy privet that carries golden-yellow leaves, providing a wealth of interesting contrasts from early spring until late fall. Develops a neat compact shrub that can be trimmed into any shape. Suitable for use as an individual shrub, or for hedging.

	Per 10	Per 100	Per 1000
9 to 12 inches	\$ 1.80	\$ 16.00	\$ ----
12 to 15 inches	2.50	22.00	200.00
15 to 18 inches	3.50	30.00	270.00
18 to 24 inches	4.50	40.00	350.00
2 to 2½ feet	5.50	50.00	----

Lodense, Vulgare, nanum. 2½ ft.

Very compact, dwarf form.

	Per 10	Per 100	Per 1000
18 to 24 inches	\$ 4.00	\$35.00	\$ ----

vulgare, European Privet. 3-10 ft.

A hardy vigorous strain of European Privet carrying dark green foliage, hanging on late in autumn.

9 to 12 inches, branched	----	6.50	60.00
12 to 18 inches, 3 canes and up	----	8.00	75.00
18 to 24 inches, 3 canes and up	----	10.00	90.00
2 to 3 feet, 4 canes and up	----	14.00	120.00
3 to 4 feet, 4 canes and up	----	16.00	140.00
3 to 4 feet, 5 canes and up	----	20.00	175.00

PRUNUS, Ornamental Plums. (See Deciduous Trees).**RHUS glabra, Smooth Sumac. 6-10 ft.**

Of dwarfish habit, producing bunches of crimson berries. Aug.-Sept.

18 to 24 inches	2.50	22.00	----
2 to 3 feet	3.20	28.00	----

typhina, Staghorn Sumac. 15-25 ft.

Greenish flowers in dense terminal panicles, clusters of crimson berries.

18 to 24 inches	2.50	22.00	----
2 to 3 feet	3.20	28.00	----
3 to 4 feet	4.50	40.00	----

typhina laciniata, Cutleaf Staghorn Sumac. 20-25 ft.

12 to 18 inches	2.10	18.00	----
18 to 24 inches	2.90	25.00	----
2 to 3 feet	4.00	35.00	----
3 to 4 feet	5.00	45.00	----

RIBES alpinum, Alpine Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small, greenish flowers. April-May. Scarlet fruit.

9 to 12 inches	2.40	20.00	----
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odoratum, Golden Currant (Aureum). 8-10 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.

18 to 24 inches	2.90	25.00	--
2 to 3 feet	4.00	35.00	300.00
3 to 4 feet	5.00	45.00	----

ORNAMENTAL SHRUBS—Continued

ROSE ACACIA, Robinia hispida (Grafted Stock.) 6-8 ft.

Branches covered with rosy pink, attractive flowers, April-May.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 2.40	\$ 20.00	\$
18 to 24 inches.....	3.50	30.00	.....
2 to 3 feet.....	4.50	40.00	.....
3 to 4 feet.....	5.50	50.00	.....
4 to 5 feet.....	6.50	60.00	.....

SALIX Pussy, Salix discolor. 20-25 ft.

Popular Willow on account of catkins in March-April before leaves.

18 to 24 inches.....	2.50	22.00	200.00
2 to 3 feet.....	3.50	30.00	270.00
3 to 4 feet.....	4.50	40.00	.....
4 to 5 feet.....	6.50	60.00	550.00
5 to 6 feet.....	10.00	90.00	800.00

SHEPHERDIA argentea, Silver Buffaloberry. 10-12 ft.

Hardy shrub or ornamental tree with silvery foliage. Small yellowish flowers. May-June.

12 to 18 inches.....	2.40	20.00	.....
18 to 24 inches.....	3.50	30.00	.....
2 to 3 feet.....	4.50	40.00	.....

SNOWBALL. (See Viburnum)**SORBARIA sorbifolia, Ural False Spirea. 5-6 ft.**

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy heads of white flowers. June-July.

18 to 24 inches.....	2.90	25.00	.....
2 to 3 feet.....	4.00	35.00	300.00
3 to 4 feet.....	5.00	45.00	.....

SPIREA Anthony Waterer. 3-4 ft.

A valuable dwarf shrub, bright red flowers, June-September.

9 to 12 inches.....	2.10	18.00	.....
12 to 15 inches.....	2.90	25.00	.....
15 to 18 inches.....	3.50	30.00	270.00
18 to 24 inches.....	4.00	35.00	.....
2 to 2½ feet.....	4.50	40.00	.....

arguta, Garland Spirea. 5-6 ft.

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

18 to 24 inches.....	2.90	25.00	.....
2 to 3 feet.....	4.00	35.00	.....
3 to 4 feet.....	5.00	45.00	.....

Billiard Spirea, billiardi. 5-6 ft.

Bright pink flowers in spikes. July-September.

12 to 18 inches.....	2.00	16.00	140.00
18 to 24 inches.....	2.40	20.00	180.00
2 to 3 feet.....	3.20	28.00	250.00
3 to 4 feet.....	4.50	40.00	350.00

bumalda superba. 3-5 ft.

Dwarf variety. Vigorous and hardy as Froebel; more upright. Bright pink flowers, beautiful purplish foliage, in autumn.

12 to 18 inches.....	2.10	18.00	.....
18 to 24 inches.....	2.90	25.00	220.00
2 to 3 feet.....	4.00	35.00	300.00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

Froebel Spirea. 4 ft. Per 10 Per 100 Per 1000

Vigorous, spreading grower. Bright pink flowers. May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

12 to 18 inches	\$ 2.10	\$ 18.00	\$160.00
18 to 24 inches	2.90	25.00	220.00
2 to 2½ feet	3.50	30.00	270.00

japonica ovalifolia, Japanese White (Callosa Alba) 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

9 to 12 inches	2.90	25.00	-----
12 to 15 inches	4.00	35.00	-----
15 to 18 inches	4.50	40.00	-----
18 to 24 inches	5.50	50.00	-----

Korean, trichocarpa. 5-6 ft.

Hardy Spirea. Similar to Van Houttei; blooms a little later and the flowers are larger.

18 to 24 inches	2.90	25.00	-----
2 to 3 feet	3.50	30.00	-----

opulifolius, Ninebark. (See Physocarpus.)

richmensis. Pink Bouquet. 4-5 ft.

A very hardy shrub with showy spikes of rich pink flowers. Free flowering.

12 to 18 inches	2.90	25.00	-----
18 to 24 inches	4.00	35.00	-----
2 to 3 feet	5.00	45.00	-----

sorbifolia. (See Sorbaria.)

Thunbergi, Spirea thunbergi. 3-4 ft.

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers, April.

18 to 24 inches	2.90	25.00	-----
2 to 2½ feet	3.50	30.00	-----
2½ to 3 feet	4.50	40.00	350.00
3 to 3½ feet	5.50	50.00	-----

Vanhoutte, Spirea van houttei. 8-10 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

12 to 18 inches	1.40	12.00	100.00
18 to 24 inches	1.90	16.00	140.00
2 to 3 feet	2.50	22.00	200.00
3 to 4 feet	3.20	28.00	250.00
4 to 5 feet	4.50	40.00	-----

STAPHYLEA trifolia, American Bladder-nut. 6-12 ft.

Upright shrub with handsome bright or light green foliage. Ornamental white flowers in nodding clusters followed by bladder-like fruits conspicuous by their size and pale green color.

12 to 18 inches	2.90	25.00	-----
18 to 24 inches	3.50	30.00	-----
2 to 3 feet	4.50	40.00	-----
3 to 4 feet	5.50	50.00	-----

SYMPHORICARPOS, Snowberry

alba, (racemosus) Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

12 to 18 inches	1.70	14.00	-----
18 to 24 inches	2.10	18.00	160.00
2 to 3 feet	2.90	25.00	220.00
3 to 3½ feet	3.50	30.00	-----

ORNAMENTAL SHRUBS—Continued

SYMPHORICARPOS—Continued

chenaulti, Improved Coral Berry. 6-8 ft.

New, very small leaves; graceful arching branches; pink flowers, red fruit.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 1.90	\$ 16.00	\$ -----
18 to 24 inches.....	2.50	22.00	200.00
2 to 3 feet.....	3.50	30.00	270.00
3 to 4 feet.....	4.50	40.00	350.00

vulgaris, (orbiculatus) Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

12 to 18 inches.....	1.70	14.00	-----
18 to 24 inches.....	2.10	18.00	160.00
2 to 3 feet.....	2.90	25.00	-----
3 to 4 feet.....	3.50	30.00	-----

SUMAC. (See Rhus)**TAMARIX**

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.

12 to 18 inches.....	1.80	16.00	-----
18 to 24 inches.....	2.50	22.00	200.00
2 to 3 feet.....	3.20	28.00	250.00
3 to 4 feet.....	4.50	40.00	350.00

SILVER FOLIAGE VARIETIES**amurensis, Amur Tamarix, Hort. Variety Pentandra. 8-10 ft.**

Strong growing, hardy shrub with purple branches, silvery foliage with pink flowers in large panicles.

hispidula, Kashgar Tamarix. 15-20 ft.

Feathery silver foliage. Bright pink flowers. June-July. Remains in bloom longer than other varieties. One of the best. Hardy.

odessana, Odessa Tamarix. 6-8 ft.

Upright slender branches. Light silver foliage, light pink flowers in slender racemes.

GREEN FOLIAGE VARIETIES**africana, African Tamarix. 12-15 ft.**

Feathery green foliage, pink flowers early in spring before leaves.

gallica indica, India Tamarix. 10-12 ft.

Upright grower, green foliage, pink flowers, May.

VIBURNUM, americanum, American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 2.90	\$ 25.00	\$...
18 to 24 inches.....	4.00	-----	-----
2 to 3 feet.....	5.00	45.00	-----

dentatum, Arrowhead. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

12 to 18 inches.....	2.10	18.00	-----
18 to 24 inches.....	2.90	25.00	-----
2 to 3 feet.....	4.00	35.00	-----

juddi, new Viburnum carlesii-hybrid.

Sweet scented, long-tubed flowers of light pink color, very good grower.

9 to 12 inches.....	10.00	-----	-----
12 to 18 inches.....	14.00	130.00	-----

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$ 3.50	\$ 30.00	\$ -----
2 to 3 feet.....	4.50	40.00	-----

molle, Kentucky Viburnum. 8-10 ft.

Similar to Dentatum. Of slower growth and more attractive foliage. Single white flowers. April-May. Blue-black fruit.

12 to 18 inches.....	2.10	18.00	-----
18 to 24 inches.....	2.90	25.00	220.00
2 to 3 feet.....	4.00	35.00	300.00
3 to 4 feet.....	5.00	45.00	-----

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

12 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	4.00	35.00	300.00
2 to 3 feet.....	5.00	45.00	-----
3 to 4 feet.....	6.50	60.00	-----

opulus sterile, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

9 to 12 inches.....	2.10	18.00	-----
12 to 18 inches.....	3.20	28.00	250.00
18 to 24 inches.....	4.50	40.00	-----
2 to 3 feet.....	5.50	50.00	-----
3 to 4 feet.....	6.50	60.00	-----

prunifolium, Black Haw. 15 ft.

Shrub or small tree with spreading, rather stout branches. Flowers pure white, April-June.

12 to 18 inches.....	2.90	25.00	-----
18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	-----

VITEX macrophylla, Big-Leafed Chaste Tree. 5-6 ft.

Semi-dwarf flowers of lavender-blue. Semi-hardy.

12 to 18 inches.....	2.50	22.00	-----
18 to 24 inches.....	3.20	28.00	-----
2 to 3 feet.....	4.00	35.00	-----

WEIGELA BRISTOL RUBY

Plant Patent No. 492

Improved Weigela Eva Rathke hardier and more thrifty. Large soft ruby-red flowers, shading to garnet crimson.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 3.50	\$ 30.00	\$ -----
18 to 24 inches.....	5.00	40.00	-----
2 to 3 feet.....	7.00	-----	-----

WEIGELA Eva Rathke, Red Flowered Weigela .4-5 ft.

Blooms profusely, producing brilliant crimson flowers. May-June.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$ 3.20	\$ 28.00	\$250.00
18 to 24 inches.....	4.50	40.00	-----
2 to 3 feet.....	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued

WEIGELA—Continued

Per 10 Per 100 Per 1000

Hendersoni. 6-8 ft.

One of the hardiest varieties of Weigela. A splendid shrub; produces quantities of light crimson flowers. May-June.

12 to 18 inches	\$ 2.10	\$ 18.00	\$ -----
18 to 24 inches	2.90	25.00	-----
2 to 3 feet	4.00	35.00	-----
3 to 4 feet	5.00	45.00	400.00
4 to 5 feet	6.50	60.00	-----

Newport Red. 6-7 ft.

New ruby-red Weigela recommended for its hardiness and habit of growth, making a well formed plant.

12 to 18 inches	3.50	30.00	-----
18 to 24 inches	4.50	40.00	-----
2 to 3 feet	5.50	50.00	-----

rosea, (florida) Pink Weigela. 6-8 ft.

Popular shrub with beautiful showy pink flowers. May-June.

12 to 18 inches	2.10	18.00	160.00
18 to 24 inches	2.90	25.00	220.00
2 to 3 feet	4.00	35.00	300.00
3 to 4 feet	5.00	45.00	400.00
4 to 5 feet	6.50	60.00	-----

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, Berberis thunbergi, Japanese Barberry.

Per 100 Per 1000

9 to 12 inches, 2 year seedlings, branched	\$ 5.00	\$ 45.00
18 to 24 inches, 2 year seedlings, branched	9.00	80.00
2 to 3 feet, 2 year seedlings, branched	14.00	120.00
12 to 15 inches, transplanted, 2 year branched, bushy	14.00	120.00

CARAGANA, aborescens, Siberian Peatree.

12 to 18 inches, seedlings	3.20	28.00
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ELM CHINESE. (See Deciduous Tree Seedlings).**HONEYSUCKLE, Lonicera, upright hardy varieties.**

Tatarian, pink, red, white.

12 to 18 inches	8.50	75.00
18 to 24 inches	12.00	100.00

MULBERRY, Russian, Morus tatarica.

12 to 18 inches	1.90	16.00
18 to 24 inches	2.90	25.00
2 to 3 feet	4.00	35.00
3 to 4 feet	5.60	50.00
4 to 5 feet	8.50	75.00

PRIVET. (See Shrubs.)**RUSSIAN OLIVE, Elaeagnus angustifolia.**

6 to 12 inches	2.10	18.00
12 to 18 inches	3.20	28.00
18 to 24 inches	4.50	40.00
2 to 3 feet	7.00	60.00

SPIREA Vanhoutte.

10 to 15 inches	7.00	60.00
12 to 18 inches	8.50	75.00

VINES

Tied 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle.

AMPELOPSIS, Engelmann Creeper, engelmanni. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

	Per 10	Per 100	Per 1000
2 year Medium	\$ 2.40	\$ 20.00	\$ -----
2 year No. 1	2.90	25.00	-----
3 year No. 1	3.20	28.00	-----

St. Paul, saintpauli. 30-40 ft.

An improved type of Engelmanni.

2 year Medium	2.90	25.00	-----
2 year No. 1	3.50	30.00	-----
3 year No. 1	4.50	40.00	-----

Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

2 year No. 1	2.50	22.00	-----
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ARISTO SIPHO, Dutchman's Pipe. 30-40 ft.

Rapid growing, hardy vine with large attractive round leaves. Odd shaped, brownish flowers, resembling pipes in May-June.

2 year Medium	6.50	60.00	-----
2 year No. 1	8.00	75.00	-----

BIGNONIA (Campsis) radicans, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

2 year Medium	2.40	20.00	170.00
2 year No. 1	2.90	25.00	-----
3 year No. 1	3.50	30.00	-----

CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

2 year Medium	2.10	18.00	-----
2 year No. 1	2.90	25.00	-----

scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

2 year Medium	2.10	18.00	150.00
2 year No. 1	2.90	25.00	220.00
3 year No. 1	3.20	28.00	250.00

CLEMATIS Paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in Sept.

2 year Medium	3.20	28.00	250.00
2 year No. 1	4.00	35.00	300.00
3 year No. 1	4.50	40.00	350.00

HEDERA helix, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

2½ inch pot plants	1.40	12.00	-----
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HONEYSUCKLE, Lonicera

Gold Flame. 15 ft.

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.

2 year No. 1	4.50	40.00	-----
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VINES—Continued

HONEYSUCKLE, *Lonicera*—Continued**Hall's Japan, *japonica halliana*. 20-25 ft.**

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

	Per 10	Per 100	Per 1000
2 year Medium	\$ 1.80	\$ 15.00	\$130.00
2 year No. 1	2.20	19.00	160.00
3 year No. 1	2.40	20.00	180.00

heckrottii, (Summer King). 15 ft.

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy.

2 year Medium	3.70	32.00	---
2 year No. 1	4.50	40.00	---

reticulata aurea, 10 ft.

Medium sized leaves veined handsomely yellow. Flowers white, changing to yellow, often purplish outside, very fragrant. June-August.

2 year Medium	2.40	20.00	---
2 year No. 1	2.90	25.00	---
3 year No. 1	3.50	30.00	---

Scarlet Trumpet Honeysuckle, *sempervirens*. 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.

2 year Medium	2.40	20.00	180.00
2 year No. 1	2.90	25.00	220.00
3 year No. 1	3.50	30.00	270.00

tellmanniana, Golden Giant Honeysuckle.

This desirable hybrid with its rich yellow blooms, shaded bronzy red, is free flowering and vigorous in growth.

2 year Medium	2.40	20.00	---
2 year No. 1	2.90	25.00	---

POLYGONUM auberti, Silvervine Fleeceflower. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.

2 year Medium	3.50	30.00	---
2 year No. 1	4.00	35.00	---

WISTERIA, American *frutescens*. 20-25 ft.

Tall, vigorous climber. Lilac purple flowers. June-July.

2 year Medium, grown from blooming wood	2.40	20.00	170.00
2 year No. 1, grown from blooming wood	2.90	25.00	220.00
3 year No. 1, grown from blooming wood	3.50	30.00	270.00



ROSES

NORTHERN CALIFORNIA GROWN

Our roses are carefully grown; well sprayed during the growing season and dug only when well ripened. All are carefully graded under our personal supervision and with our exceptional storage facilities for storing and handling of roses, we are in a position to supply first class plants which give satisfaction.

All Roses are tied No. 1 and No. 1½, 10 per bundle; No. 2, 25 per bundle. We do not break bundles.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1	\$5.50	\$50.00	\$450.00
No. 1½	4.50	40.00	350.00
No. 2	2.90	25.00	220.00

RED SHADES

Ami Quinard, velvety crimson-maroon, vigorous and profuse.

Christopher Stone, free blooming plant producing fragrant, velvety-textured roses of vivid-scarlet deliciously scented.

E. G. Hill, great massive blooms of deep velvety-maroon.

Etoile de Hollande, dark velvety-red with fine fragrance.

Glowing Carmine, lasting fragrant flowers of deep carmine; continuous bloomer.

Grenoble, long-stemmed beautifully shaped blooms of scarlet-crimson.

Margaret McGredy, full blooms of orange-scarlet.

McGredy's Scarlet, large brilliant scarlet shaded rose-pink.

Poinsettia, bud long-pointed; large, double open flowers of bright unfading scarlet. Vigorous, prolific bloomer.

Radiance Red, bright rose-red, form of Radiance.

Rouge Mallerin, double, well formed blooms of striking and lasting deep red.

Syracuse, scarlet-crimson on vigorous upright plant. Double.

PINK SHADES

Betty Uprichard, salmon-pink stained with coppery-red.

Briarcliff, handsome flowers of silvery rose-pink.

Dame Edith Helen, excellent shape, glowing pink, double.

Editor McFarland, shapely buds and double, brilliant pink blooms.

Leonard Barron, light salmon and shell pink suffused with pale copper. Hardy,

Lucie Marie, bud pointed; large, double, high-centered, fragrant, buttercup yellow veined apricot-orange and shaded salmon-cerise.

Miss Rowena Thom, large, brilliant satiny pink with gold base. Fragrant.

Mrs. Chas. Bell, soft, salmon-pink, sweetly perfumed.

Mrs. Henry Bowles, lasting rosy pink-shaded salmon. Very fragrant.

Numa Fay, large well-shaped buds of pale orange-salmon shading to pale pink edges. Open flowers are pale salmon-pink.

Peter's Briarcliff, Briarcliff strain used by Florists for forcing.

Picture, velvety clear rose-pink with undertones of salmon. Very double.

Pink Dawn, perfectly formed, pink buds touched with salmon-rose.

Radiance Pink, large, brilliant rose-pink. Very fragrant.

Souv. de Mme. C. Chambard, large, semi-double, cupped, fragrant; outer petals rich rose-red; inner petals deep rose-pink, with golden glow at center.

The Doctor, large, beautiful buds opening to enormous semi-double, cupped flowers of satiny-pink. Fragrant. Plant vigorous and bushy.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

HYBRID TEA AND EVERBLOOMING—Continued

YELLOW SHADES

Gloriana, a rose retaining its remarkable yellow color in the hottest weather, deepening to the two-toned deep color of **Condesa de Sastago**.
Golden Dawn, bud rich sunflower-yellow flushed old rose. Double.
Golden Rapture, long lasting, beautifully formed buds, fully double blooms of rich yellow on long, strong stems. A vigorous grower.
Joanna Hill, large, yellow with bronze shadings in center. Fragrant, vigorous.
Lady Margaret Stewart, bud long pointed; very large, double, high-centered, fragrant, deep buttercup-yellow, flushed orange and red, fading to cadmium-orange.
McGredy's Yellow, bright buttercup yellow with perfect form. Fragrant.
Mrs. E. P. Thom, large, well shaped, bright canary yellow.
Mrs. Pierre S. du Pont, bud reddish-gold, flower golden-yellow, lighter with age.
Souer Therese, double blooms of rich yellow. Vigorous.
Souv. de Claudius Pernet, long buds opening to full bloom of rich yellow.
Sunburst, rich yellow shaded coppery-orange.
Yellow Sastago, vigorous yellow sport of the popular bush variety.

TWO-TONED SHADES

Condesa de Sastago, deep coppery-pink, inside, golden-yellow reverse; double. Vigorous and prolific.
Duquesa de Penaranda, beautiful deep apricot.
Edith Nellie Perkins, pointed buds, rich orange outside and salmon-pink inside.
Hinrich Gaede, bright vermilion toned gold; good form; fragrant, a distinct and excellent variety.
Mme. Joseph Perraud, high-centered, perfectly formed buds and double blooms shading from shell-pink at the edges to buff and orange in the center. An excellent variety of superior quality.
Mrs. Sam McGredy, a large, long-pointed bud; flower large, double, and in color scarlet-copper-orange, heavily flushed with red on outside of petals. A vigorous grower, disease resistant and prolific bloomer.
Pres. Herbert Hoover, beautifully colored buds and blooms of yellow with pink and flame tints.
Talisman, glowing golden-yellow stained copper red.
Talisman No. 5, Talisman strain used by Florists for forcing.
Treasure Island, large double high centered, fragrant, flaming coppery-pink, orange at base.

WHITE SHADES

Caledonia, large double white; long buds opening to large, double flowers.
K. A. Viktoria, popular, snowy white, double.
McGredy's Ivory, large, well shaped, creamy-white; fragrant.
Mme. Jules Bouche, white with blush tints in center.
Snowbird, most prolific, pure white bedding rose. Full-petaled and perfectly formed.

HYBRID PERPETUAL

	Per 10	Per 100	Per 1000
No. 1 -----	\$5.50	\$50.00	\$450.00
No. 1½ -----	4.50	40.00	-----
No. 2 -----	2.90	25.00	-----

RED SHADES

American Beauty, popular, fragrant, deep pink shaded soft carmine.
General Jacqueminot, rich crimson-scarlet, very fragrant.
Ulrich Brunner, large, fine shaped blossoms of cherry red.

PINK SHADES

Paul Neyron, thornless bushes with gigantic, pink fragrant flowers.

WHITE SHADES

Frau Karl Druschki, very popular large pure white.

ROSES—Continued

BABY ROSES—Dwarf Polyantha and Floribunda

	Per 10	Per 100	Per 1000
No. 1	\$5.50	\$50.00	\$450.00
No. 1½	4.50	40.00	-----
No. 2	2.90	25.00	-----
No. XX Heavy	6.50	60.00	-----

***FLORIBUNDA AND HYBRID POLYANTHA VARIETIES.**

Chatillon, vivid, light salmon-pink, semi-double flowers in enormous heads.

Cheer, Ovoid orange-pink, with large blooms about four inches, opening gracefully in large clusters. Vigorous, prolific.

***Dagmar Spaeth**, alabaster white edged pink.

Edith Cavell, brilliant, scarlet, overlaid velvety crimson.

***Ellen Poulsen**, double, bright rose-pink, fragrant.

***Else Poulsen**, bright, rose-pink, semi-double, lasting.

Gloria Mundi, large, fully double, lasting, orange-scarlet, borne in clusters.

Golden Salmon, bright orange-salmon. Fine for mass planting, blooms continually.

Golden Salmon Superior, an improvement on Golden Salmon.

Ideal, dark scarlet, borne in profusion. Immense compact bunches.

***Kirsten Poulsen**, bright scarlet in clusters on long stems.

***Lafayette Improved**, large clusters of bright cherry-crimson.

***Pink Gruss an Aachen**, deep salmon rose colored sport of Gruss and Aachen.

***Poulsen's Yellow**, bud copper, yellow flowers semi-double, intensely fragrant.

***Red Ripples**, flowers semi-double, open, slightly fragrant, oxblood-red to carmine.

Sparkler, a fine cluster-flowered type, brilliant red flowers.

Triomphe Orleanais, large clusters of cherry-red.

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100	Per 1000
Agnes , double yellow Rugosa, fragrant, blooms early.			
2 to 3 feet	\$ 6.50	\$ 60.00	\$
18 to 24 inches	5.50	50.00	-----
12 to 18 inches	4.50	40.00	-----
Amelia Gravereaux , carmine-red, borne on long stems.			
2 to 3 feet	6.50	50.00	-----
18 to 24 inches	5.50	50.00	-----
12 to 18 inches	4.50	40.00	-----
Austrian Copper , single brilliant orange-red flowers inside, and yellow outside.			
2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.50	50.00	450.00
12 to 18 inches	4.50	40.00	350.00
Belle Poitevine , bright pink in clusters, everblooming.			
2 to 3 feet	5.00	45.00	400.00
18 to 24 inches	4.00	35.00	300.00
12 to 18 inches	2.90	25.00	220.00
Blanc Double de Coubert , large white flowers, fairly double, fragrant, Rugosa Alba sport.			
18 to 24 inches	5.50	50.00	-----
12 to 18 inches	4.50	40.00	-----

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS—Continued

	Per 10	Per 100	Per 1000
Blanda , soft pink flowers borne in clusters.			
2 to 3 feet	\$ 4.50	\$ 40.00	\$ -----
18 to 24 inches	3.50	30.00	-----
12 to 18 inches	2.50	22.00	-----
Carolina , bright rose-pink flowers borne singly in clusters.			
2 to 3 feet	4.50	40.00	-----
18 to 24 inches	3.50	30.00	-----
12 to 18 inches	2.50	22.00	-----
Dr. Eckener , large, semi-double flowers, coppery rose in center. Vigorous and hardy.			
2 to 3 feet	6.50	60.00	-----
18 to 24 inches	5.50	50.00	-----
12 to 18 inches	4.50	40.00	-----
Harrison's Yellow , semi-double, moderately fragrant, bright yellow.			
2 to 3 feet	6.50	60.00	-----
18 to 24 inches	5.50	50.00	-----
12 to 18 inches	4.50	40.00	-----
Hugonis , light yellow flowers borne profusely along the branches. Very hardy, blooms very early.			
3 to 4 feet	6.50	60.00	550.00
2 to 3 feet	5.50	50.00	450.00
18 to 24 inches	4.50	40.00	350.00
12 to 18 inches	3.20	28.00	-----
Lucida , bright pink flowers followed by shining red fruit.			
2 to 3 feet	4.50	40.00	-----
18 to 24 inches	3.50	30.00	-----
12 to 18 inches	2.50	22.00	-----
Nitida , deep pink flowers, extremely hardy.			
18 to 24 inches	5.00	45.00	-----
12 to 18 inches	3.50	30.00	-----



A field of Peace Roses at our Rose Ranch in Northern California. August 25, 1949 photo. Heavy, well branched plants that your customers will like.

ROSES—Continued**RUGOSA, HYBRIDS AND MISCELLANEOUS—Continued**

Rugosa Rubra , large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.	Per 10	Per 100	Per 1000
3 to 4 feet.....	\$ 6.00	\$ 55.00	\$ -----
2 to 3 feet.....	5.00	45.00	-----
18 to 24 inches.....	4.00	35.00	-----
12 to 18 inches.....	2.90	25.00	-----
Sarah Van Fleet , large, very fragrant, lasting, wild-rose pink flowers.			
2 to 3 feet.....	6.50	60.00	-----
18 to 24 inches.....	5.50	50.00	-----
12 to 18 inches.....	4.50	40.00	-----
Setigera , bright pink flowers, big clusters, blooms late.			
2 to 3 feet.....	3.20	28.00	-----
18 to 24 inches.....	2.50	22.00	-----
Skyrocket (Wilhelm) , Shrub rose with pointed buds opening to large single red flowers borne in large clusters; fragrant. Blooms from June to October.			
2 to 3 feet.....	6.50	60.00	-----
18 to 24 inches.....	5.50	50.00	-----
12 to 18 inches.....	4.50	40.00	-----

CLIMBERS AND RAMBLERS

Our Climbing Roses are California grown, own root. They are well furnished plants, well graded and we are confident they will please.

American Pillar , single rose pink, white center, vigorous.	Per 10	Per 100	Per 1000
No. 1.....	\$ 4.50	\$ 40.00	\$ -----
No. 1½.....	3.50	30.00	-----
No. 2.....	2.40	20.00	-----

Blaze—See patented Roses for prices and description.

Brownell Hardy Climbers—See patented Roses for prices and description.

Climbing American Beauty, flowers rich red to Crimson.

No. 1.....	5.00	45.00	-----
No. 1½.....	4.00	35.00	-----
No. 2.....	2.50	22.00	-----

Climbing Crimson Glory—See patented Roses for prices and descriptions.

Crimson Rambler, beautiful dazzling scarlet-red borne in giant sprays.

No. 1.....	4.00	35.00	-----
No. 1½.....	3.20	28.00	-----
No. 2.....	2.50	22.00	-----

Dorothy Perkins, soft shell pink flowers.

No. 1.....	3.20	28.00	-----
No. 1½.....	2.50	22.00	-----
No. 2.....	1.90	16.00	-----

Dr. J. H. Nicolas—See Patented Roses for prices and description.

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ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

	Per 10	Per 100	Per 1000
Excelsa , double scarlet crimson blooms.			
No. 1 -----	\$ 3.20	\$ 28.00	\$250.00
No. 1½ -----	2.50	22.00	200.00
No. 2 -----	1.90	16.00	150.00
Excelsa Pillar , strong growing pillar type, double scarlet crimson blooms. Hardy as the common Excelsa.			
No. 1 -----	3.50	30.00	-
No. 1½ -----	2.50	22.00	-
No. 2 -----	1.90	16.00	-
Flower of Fairfield , deep crimson, similar to Crimson Rambler.			
No. 1 -----	4.00	35.00	300.00
No. 1½ -----	2.90	25.00	-
No. 2 -----	2.10	18.00	-
Paul's Scarlet , intense scarlet flowers of excellent shape and good size, borne in clusters.			
No. 1 -----	5.00	45.00	-
No. 1½ -----	4.00	35.00	-
No. 2 -----	2.50	22.00	-
Prosperity , pure white flowers; large cluster on strong stem.			
No. 1 -----	5.50	-	-
No. 1½ -----	4.50	-	-
Royal Scarlet , similar to Paul's Scarlet but smaller and deeper in color.			
No. 1 -----	5.00	45.00	-
No. 1½ -----	4.00	35.00	-
No. 2 -----	2.90	25.00	-
Seven Sisters , double, deep pink, borne in large clusters.			
No. 1 -----	3.50	30.00	-
No. 1½ -----	2.50	22.00	-
No. 2 -----	1.90	16.00	-

PATENTED HYBRID TEA ROSES

We are offering the following Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified, 10 to 20 per variety at 10 rate, 20 to 250 per variety at 100 rates, 250 or more per variety at 1000 rates where published.

	Per 10	Per 100	Per 1000
American Flagship , Patent No. 676 (Retails \$1.50 each; \$15.00 per doz.) Attractive urn-shaped buds open to high-centered, well-formed double flowers of velvet-textured crimson-red, deeply shaded with rich ox-blood tones. Holds color in sun; does not blue; vigorous grower; free bloomer; attractive foliage; black-spot resistant.			
No. 1 -----	\$ 9.00	\$ 75.00	\$650.00
No. 1½ -----	7.20	60.00	520.00
Better Times . Patent No. 23. (Retails \$1.35 each; \$13.50 per doz.) Brilliant cerise flowers, large, double fragrant.			
No. 1 -----	7.50	65.00	550.00
No. 1½ -----	6.00	52.00	440.00

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	Per 10	Per 100	Per 1000
California , Patent No. 449. (Retail \$1.25 each; \$12.50 per doz.) Ruddy-orange toned with saffron-yellow, with exterior of the broad petals overlaid with Saturn rose—a dual tone effect of indescribable richness and beauty. Long pointed buds opening to flowers of enormous size, reaching a diameter of 5 inches to 6 inches. A.A.R.S. award for 1940.			
No. 1	\$ 7.00	\$ 60.00	\$ -----
No. 1½	5.50	48.00	-----
Countess Vandal , Patent No. 38. (Retail \$1.35 each; \$13.50 per doz.) Long pointed bud, upright stems. Color combination can hardly be described, pink, copper, gold and salmon.			
No. 1	7.50	65.00	550.00
No. 1½	6.00	52.00	-----
Crimson Glory , Patent No. 105. (Retail \$1.35 each; \$13.50 per doz.) Color deep crimson, a "glory" Rose, glorious in its perfect form, large size and fragrance.			
No. 1	7.50	65.00	550.00
No. 1½	6.00	52.00	440.00
Diamond Jubilee , Patent No. 824. (Retail \$2.00 each; \$20.00 per doz.) Double high centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.			
No. 1	11.00	100.00	850.00
No. 1½	9.00	80.00	680.00
Forty-Niner , Patent No. 792. (Retail \$2.00 each; \$20.00 per doz.) Brilliantly hued bi-color that justly secured an A.A.R.S. AWARD FOR 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid Orient-Red, while the outside is a Chrome-Yellow, changing to Straw-Yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals, mildly fragrant.			
No. 1½	9.00	80.00	680.00
Grande Duchesse Charlotte , Patent No. 774. (Retail \$1.50 each; \$15.00 per doz.) The beautiful, long streamlined buds are glowing Morocco-red and open to 25 firm-petaled blooms of dusky coral red which do not fade, but gradually merge to a soft coral pink. A.A.R.S. award for 1943.			
No. 1	9.00	75.00	650.00
No. 1½	7.20	60.00	520.00
Heart's Desire , Patent No. 501. (Retail \$1.50 each; \$15.00 per doz.) The color is a pure even shade of luminous red, without any shadings of maroon. It is sun-proof even in the hottest weather and does not burn. One of the chief points of this new rose is fragrance. Plant is of exceedingly vigorous growth, prolific bloomer with buds of superb form and open blooms holding their shape until last petal drops.			
No. 1	9.00	75.00	650.00
No. 1½	7.20	60.00	520.00

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ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

Per 10 Per 100 Per 1000

Horace McFarland , Patent No. 730. (Retails \$1.50 each; \$15.00 per doz.) Named in honor of Dr. J. Horace McFarland. An upright growing vigorous plant producing an abundance of large deep apricot ovoid buds opening to beautifully formed, buff-salmon, spicy scented blooms of 45 petals. A.A.R.S. award for 1945.			
No. 1½	\$ 7.20	\$ 60.00	\$ -----
Lowell Thomas , Patent No. 595. (Retails \$1.50 each; \$15.00 per doz.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high-centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.			
No. 1½	7.20	60.00	520.00
McGredy's Sunset , Patent No. 317. (Retails \$1.35 each; \$13.50 per doz.) The outside of petals is a clear buttercup yellow tipped orange, while the inside is chrome-yellow, flushed scarlet as it opens. Medium size flowers are full with pleasing fragrance and borne on strong upright stems. Sun resistant.			
No. 1	7.50	65.00	-----
No. 1½	6.00	52.00	-----
Mme. Henri Guillot , Patent No. 337. (Retails \$1.50 each; \$15.00 per doz.) A charming, two-toned rose. The artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry-pink color with golden base.			
No. 1	9.00	75.00	-----
No. 1½	7.20	60.00	-----
Mme. Chiang Kai-shek , Patent No. 664. (Retails \$1.50 each; \$15.00 per doz.) Bud very large, long-pointed; flower unusually large, double (24 to 30 petals), high-centered, lasting. Empire to lemon-yellow turning lighter as the blooms mature on long stems. Vigorous, upright and compact; abundant bloomer. A.A.R.S. award for 1944.			
No. 1	9.00	75.00	650.00
No. 1½	7.20	60.00	520.00
New Yorker , Patent No. 823. (Retails \$2.00 each; \$20.00 per doz.) Brilliant red with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.			
No. 1½	9.00	80.00	680.00
Nocturne , Patent No. 713. (Retails \$1.50 each; \$15.00 per doz.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.			
No. 1	9.00	75.00	650.00
No. 1½	7.20	60.00	520.00

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	Per 10	Per 100	Per 1000
Peace , Patent No. 591. (Retail \$2.00 each; \$20.00 per doz.) Ovoid buds and golden-yellow etched with pink as open, color changes from canary-yellow, to pale golden, to iridescent cream. Petals are edged with apple-blossom-pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.			
No. 1	\$11.00	\$100.00	\$850.00
No. 1½	9.00	80.00	680.00
Rose of Freedom , Patent No. 791. (Retail \$1.50 each; \$15.00 per doz.) Winner CITY OF PORTLAND AWARD for 1947. A Hybrid Tea with beautiful 60 to 70 petaled, long-stemmed, currant-red blooms with delightful true Rose fragrance. The lovely blooms are normally borne singly on strong, straight, 28 to 32 inch stems. The new wood is usually thornless. It blooms freely, on a vigorous, upright bush with abundant, handsome, disease-resistant foliage. Highest scoring red Rose in 1946-1947 nation wide trials.			
No. 1	9.00	75.00	650.00
No. 1½	7.20	60.00	520.00
Rubaiyat , Patent No. 758. (Retail \$1.50 each; \$15.00 per doz.) A McGredy origination. The tall free blooming plant produces an abundance of long pointed attractive buds on strong upright stems, that slowly opens into a very large bloom of rose-red to crimson color in the heart of the half-open flower accentuated by the reverse of the petals which are several shades lighter. A.A.R.S. award for 1947.			
No. 1	9.00	75.00	650.00
No. 1½	7.20	60.00	520.00
San Fernando , Patent No. 785. (Retail \$2.00 each; \$20.00 per doz.) A magnificent thirty petaled rose of glowing currant-red, changing to bright glowing scarlet. Pronounced fragrance. A.A.R.S. award for 1948.			
No. 1	11.00	100.00	850.00
No. 1½	9.00	80.00	680.00
Santa Anita , Patent No. 539. (Retail \$1.25 each; \$12.50 per doz.) Perfectly formed long pointed buds unfold into glorious flowers of crystal clear peach-blossom pink.			
No. 1	7.00	60.00	500.00
No. 1½	5.50	48.00	400.00
Taffeta , Patent No. 716. (Retail \$1.50 each; \$15.00 per doz.) Rich carmine-Rose in the bud, changing to Begonia-Rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.			
No. 1½	7.20	60.00	520.00
Tallyho , Patent No. 828. (Retail \$2.00 each; \$20.00 per doz.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich Crimson. The buds, before they unfold, are deep Cardinal-Red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.			
No. 1	11.00	100.00	850.00
No. 1½	9.00	80.00	680.00

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	Per 10	Per 100	Per 1000
Texas Centennial , Patent No. 162. (Retails \$1.25 each; \$12.50 per doz.) Hoover sport. Bright vermillion red with light tone of gold at base. Petals lighter red at center, gradually toning to deep rich pink as the bloom ages.			
No. 1	\$ 7.00	\$ 60.00	\$500.00
No. 1½	5.50	48.00	400.00
Will Rogers , Patent No. 256. (Retails \$1.25 each; \$12.50 per doz.) Dark velvety-crimson maroon, double, free bloomer. Strong vigorous dark green foliage.			
No. 1	7.00	60.00	500.00
No. 1½	5.50	48.00	400.00

PATENTED CLIMBERS

	Per 10	Per 100	Per 1000
Blaze , Patent No. 10. (Retails \$1.50 each; \$15.00 per doz.) A hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet-crimson flower.			
No. 1	\$ 9.00	\$ 75.00	\$650.00
No. 1½	7.20	60.00	520.00
Cl. Crimson Glory , Patent No. 736. (Retails \$2.00 each; \$20.00 per doz.) Climbing form of the outstanding hybrid-tea, producing an abundance of perfectly formed crimson colored blooms.			
No. 1	11.00	100.00	-----
No. 1½	9.00	80.00	-----
Dr. J. H. Nicolas , Patent No. 457. (Retails \$1.50 each; \$15.00 per doz.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across and with about 50 petals. Grows 8 to 10 feet in height and is everblooming.			
No. 1½	7.20	60.00	-----
King Midas , Patent No. 586. (Retails \$1.50 each; \$15.00 per doz.) Golden yellow with large, double, high-centered flowers with good form. Buds are touched with red.			
No. 1	9.00	75.00	-----
No. 1½	7.20	60.00	-----

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

PATENTED FLORIBUNDA

	Per 10	Per 100	Per 1000
Chatter , Patent No. 739. (Retails \$1.25 each; \$12.50 per doz.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.			
No. 1	\$ 7.00	\$ 60.00	\$ -----
No. 1½	5.50	48.00	-----
Donald Prior , Patent No. 377. (Retails \$1.25 each; \$12.50 per doz.) The large flowers are semi-double bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group.			
No. 1	7.00	60.00	500.00
No 1½	5.50	48.00	400.00
Geranium Red , Patent No. 811. (Retails \$1.50 each; \$15.00 per doz.) Flowers very double, (50 petals), strong geranium fragrance, bright geranium-red; cluster.			
No. 1	9.00	75.00	-----
No. 1½	7.20	60.00	-----
Permanent Wave , Patent No. 107. (Retails \$1.25 each; \$12.50 per doz.) Large, semi-double flowers of rosy-pink with cerise edges. Petals are waved permanently from bud stage to the finish. Vigorous and bushy.			
No. 1	7.00	60.00	500.00
No 1½	5.50	48.00	400.00
Pinkie , Patent No. 712. (Retails \$1.50 each; \$15.00 per doz.) A new polyantha producing an abundance of long slender and perfect little pink buds opening to flowers of about two inches across with 14 to 16 petals. Almost continuous bloom throughout the season on a two foot plant carrying light green glossy foliage. Flowers have spicy fragrance. A.A.R.S. award for 1948.			
No. 1	9.00	75.00	650.00
No. 1½	7.20	60.00	520.00



August 1949 photo of a field of Floribunda Roses growing at our Gustine California Ranch.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

BROWNELL SUB-ZERO HYBRID TEA

A new race from hardier Species, Wichuriana hybrids, that can bloom all summer along with the more tender Hybrid Teas. The originator reports flowers of equal merit in size, form, fragrance and color and plants many times longer lived even after sub-zero winters.

	Per 10	Per 100	Per 1000
Anne Vanderbilt , Patent No. 504. (Retails \$1.75 each; \$18.00 per doz.) Exquisite coppery-orange, informal, semi-double, very brilliant, fragrant.			
No. 1	\$10.00	\$ 85.00	\$750.00
No. 1½	8.00	68.00	600.00
Lily Pons , Patent No. 420. (Retails \$1.75 each; \$18.00 per doz.) White with pure yellow center, large flowers of indescribable delicacy, vigorous, free bloomer.			
No. 1	10.00	85.00	750.00
No. 1½	8.00	68.00	600.00
Pink Princess , Patent No. 459. (Retails \$1.75 each; \$18.00 per doz.) Bud red, flower deep pink, famous as the first H.T. free from defoliation by blackspot.			
No. 1	10.00	85.00	750.00
No. 1½	8.00	68.00	600.00
Shades of Autumn , Patent No. 542. (Retails \$1.75 each; \$18.00 per doz.) An abundant and joyous expression of bi-colored beauty.			
No. 1	10.00	85.00	750.00
No. 1½	8.00	68.00	600.00
V for Victory , Patent No. 543. (Retails \$1.75 each; \$18.00 per doz.) Large very double yellow flowers of good fragrance.			
No. 1	10.00	85.00	750.00
No. 1½	8.00	68.00	-----

BROWNELL SUB-ZERO HARDY CLIMBERS

	Per 10	Per 100	Per 1000
Golden Glow , Patent No. 263. (Retails \$1.75 each; \$18.00 per doz.) This is the spectrum-yellow, fragrant, abundant mass color display—of which the N. Y. World's Fair Management planted 200, named the area "Rose Court" and they were proud of the display.			
No. 1	\$10.00	\$ 85.00	\$ -----
No. 1½	8.00	68.00	-----
Golden Pyramid , Propagation rights reserved. (Retails \$1.75 each; \$18.00 per doz.) Cadmium yellow, most vigorous of all climbers.			
No. 1½	8.00	68.00	600.00

EVERGREENS

Due to limited supply, we are unable to offer our usual assortment of Evergreens BALLED and BURLAPPED. We have a splendid lot of Spruce, well furnished and splendid trees that we are offering for Spring shipment.

Prices are for Evergreens Securely Balled and Burlapped.

SPRUCE, PICEA

CANADENSIS, White Spruce. 60-80 ft.

Dense habit of growth with silvery green foliage. Beautiful hardy ornamental Spruce. Should be planted freely.

	Per 10	Per 100
18 to 24 inches	\$15.00	\$135.00
2 to 3 feet	20.00	175.00
3 to 4 feet	30.00	275.00
4 to 5 feet	37.50	
5 to 6 feet	45.00	

CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.

Hardest of all Spruces. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.

15 to 18 inches	14.00	125.00
18 to 24 inches	16.50	150.00
2 to 2½ feet	22.50	200.00
2½ to 3 feet	27.50	250.00
3 to 3½ feet	32.50	300.00
3½ to 4 feet	37.50	350.00
4 to 5 feet	50.00	450.00
5 to 6 feet	60.00	550.00

EXCELSA, Norway Spruce. 70-80 ft.

Sharp, pointed needles, green in color. Used extensively for windbreaks and general planting. Rapid growth.

18 to 24 inches	15.00	135.00
2 to 3 feet	20.00	175.00
3 to 4 feet	30.00	275.00
4 to 5 feet	40.00	375.00
5 to 6 feet	45.00	425.00

PEONIES

We offer our usual fine grade of 3 to 5 eye divisions clean, healthy, and strictly true to name, from plants not older than three years. As we do not use our fields for commercial cut flowers, you can depend on thoroughly rogued stock, and fine young plants.

The figures after the name of the variety, imply the rating given these Peonies by the American Peony Society.

* INDICATES RECOMMENDED CUT-FLOWER VARIETIES

	Per 10	Per 100
Albert Crousse, (8.6) Late. Pink with faint salmon tints; rose-type flowers.	\$ 4.00	\$ 35.00
*Alexander Dumas, (7.1) Late. Crown-type, brilliant pink, large compact, bomb-shape, fragrant.	3.50	30.00
Archie Brand, (7.5) Large, round, full rose-type blossom of shell pink.	4.00	35.00
Asa Grey, (8.1). Midseason. Lavender-pink sprinkled with spots of deeper pink.	4.00	35.00
*Avalanche, (8.7) Late midseason. Large, free, blooming, fine white.	4.00	35.00
*Baroness Schroeder, (9.0) Midseason. Very large flowers, which open blush but fade to white.	4.50	40.00

PEONIES—Continued

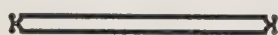
	Per 10	Per 100
* Claire Dubois , (8.7) Late. Rich, satin-pink with silvery tints.	\$ 4.00	\$ 35.00
Couronne d'Or , (8.1) (Crown of Gold) Late midseason. Pure white with center petals tipped with red.	4.00	35.00
* Duchess De Nemours , (8.1) Early. Pure white.	4.00	35.00
Duchess de Orleans , (6.1) Bomb type. Deep pink with salmon. Mid-season.	2.90	25.00
* Edulis Superba , (7.6) Early. Bright, clear mauve-pink.	3.50	30.00
* Felix Crousse , (8.4) Midseason. Brilliant, ruby-red.	4.20	38.00
* Floral Treasure , (7.5) Early. Clear even pale-lilac rose. Very free flowering.	3.50	30.00
Francois Ortegat , (6.7) Semi-rose type. Large deep crimson with brilliant golden-yellow anthers. Fragrant. Mid-season.	2.90	25.00
Francis Willard , (9.1) Late midseason. Exquisite blush changing to pure white.	5.00	45.00
* Fulgida , (5.7) Semi-rose type. Ruby-red. Late. Midseason.	3.50	30.00
* Karl Rosefield (8.8) Midseason. Brilliant velvety-crimson blooms. ..	4.00	35.00
Lady Alexander Duff , (9.1) Midseason. Very large, light blush pink flowers.	4.50	40.00
* La Perle , (8.5) Midseason. Pink in the bud, opening in a creamy white, flecked with crimson.	4.00	35.00
La Tulipe , (7.5) Early midseason. Flesh-pink in the bud, opening to a creamy white with crimson streaks.	3.50	30.00
Meissonier , (6.5) Bomb type. Brilliant crimson, full double flowers on stiff, wiry stems. Mid-season.	2.90	25.00
* Mme. De Vernville , (7.0) Early. Large white flowers with crimson marks.	4.00	35.00
Philomele , (7.7) Midseason. Attractive, novel bloom of pink and yellow.	4.00	35.00
President Roosevelt , (8.5) Midseason. Very fine brilliant red.	4.00	35.00
Prince of Darkness , (7.5) Early. Deep red, almost maroon.	4.00	35.00
* Queen Victoria , (7.2) Early midseason. Pure white.	4.00	35.00
Rachel , (7.9) Midseason. Bright garnet shaded ruby-red.	4.00	35.00
* Reine Hortense , (8.7) Midseason. Rose-pink flecked with crimson.	4.00	35.00
Rubra Superba , (7.2) Brilliant deep crimson. Late.	3.50	30.00
Ruth Brand , (7.9) Early. Large, compact, bomb type; soft lavender-pink. Fragrant.	3.50	30.00
* Sarah Bernhardt , (9.0) Midseason. Apple-blossom pink with a silvery edge on petals.	4.50	40.00
Souv. De Louis Bigot , (9.1) Midseason. Vivid rich pink with a salmon undertone.	6.00	50.00
* Souvenir De L'Exposition Universelle , (7.6) Late Midseason. Violet rose with silvery reflex, and distinctly tipped with silver. Very large, rose type.	3.50	30.00

JAPANESE AND SINGLE PEONIES

	Per 10	Per 100
Mikado , (8.6) Midseason. Single dark red with large golden stamens.	\$ 6.00	\$ 50.00

PACKAGED PEONIES

For Counter Selling In Stores, Sales Yards, Etc.



CERTIFIED QUALITY GIANT PEONIES

Our "Certified Quality Giant Peony" is the finest package ever offered for counter selling—the best varieties in the most attractive package. The strong 3 to 5 eye divisions are wrapped in moist peat and moisture proof Cellophane. The trade marked design, on the outer white wrapper, is printed in royal blue ink. Each package carries a 4-color picture produced from new, natural color photographs.

Shipping cases contain 50 packages. Please order in multiples of 10 of each variety with total order being a multiple of 50.

GROUP NO. 1 @ \$50.00 per 100

A group of finer, higher rated Peonies for customers that demand the best.

RED

625B Richard Carvel
626B Karl Rosefield
627B Mary Brand
631B Adolphe Rousseau

PINK

634B Walter Faxon
619B Sarah Bernhardt
629B M. Jules Elie

WHITE

623B Festiva Maxima
636B Mme. Jules Dessert

GROUP NO. 2 @ \$35.00 per 100

An excellent assortment of popular varieties, at a highly competitive low price.

RED

622B Felix Crousse
637B Prince of Darkness
630B Pres. Roosevelt

PINK

621B Edulis Superba
638B Reine Hortense

WHITE

628B Mme. de Verneville

No. 50PB—Case of 50 Assorted Group No. 2 Varieties (25 red, 15 pink, and 10 white) @ \$17.50 per case.

PERENNIALS

We are one of largest growers of Hardy Perennials and Rock Garden Plants in the United States, devoting approximately 100 Acres of overhead irrigation system for the specialized production of this type of plant.

Our variety list is complete. Many new varieties are being included in this list—while we have many other varieties in the course of testing for future introduction. Our plants are, except as specified, field grown and properly transplanted to give necessary root development for high class landscape planting.

All perennials should be shipped by Express. They are very perishable, and should not be included in a freight shipment.

RG means adaptability for Rock Garden planting.

★ Indicates New and Novelty varieties. These have all been thoroughly tested, and we can recommend them very highly.

		Per 10	Per 100
ACHILLEA, Milfoil or Yarrow (RG)			
★ Millefolium Crimson Beauty. A very bright colored Yarrow, grows about 2 feet high. -----			
		\$ 1.40	\$ 12.00
Ptarmica, The Pearl. Large double white. 18 in. June-July.		1.20	10.00
ANCHUSA Bugloss			
★ Myosotidiflora (RG). Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June. -----			
		1.80	15.00
ANEMONE PULSATILLA			
Grows from 9 to 12 inches high and produces violet or purple flowers during April and May. Plant in full sun 6-8 inches apart. -----			
		1.80	15.00
★ ANTHEMIS MOONLIGHT			
Pale yellow, Daisy-like flowers are 2½ inches in diameter. Superb for cutting and last several days in water. Insects do not bother it, grows in almost any kind of soil. -----			
		1.80	15.00
Tinctoria (Kelway's Variety.) Finely cut foliage and daisy-like yellow flowers all summer for cutting -----			
		1.40	12.00
★ ANTHERICUM, St. Bernard Lily			
Starry flowers of purest white in airy racemes. Full hardiness. Very pretty, particularly in mass planting. -----			
		2.10	18.00
AQUILEGIA, Columbine. May-June. (RG)			
Alpine Blue. Beautiful dark blue flowers. -----			
		1.20	10.00
Chrysantha L. S. Beautiful golden yellow flowers; blooms for two months. -----			
		1.40	12.00
Copper Queen. Lovely deep copper with long spurs of deeper hue, inside of the corolla buff. -----			
		1.20	10.00
★ Crimson star Longissima —New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in. -----			
		1.40	12.00
Dobbies Imperial Hybrids. Fine, wide assortment of colors, very sturdy, of great size. A recent English triumph. ----			
		1.20	10.00
Long Spurred Blue Shades. Extra long spurs. -----			
		1.40	12.00
Long Spurred Rose Queen. Rose shades. -----			
		1.40	12.00
Long Spurred Snow Queen. Extra long spurs. -----			
		1.40	12.00
Mrs Nicholls Blue. Deep blue and bolder flower than coerulea blue. -----			
		1.40	12.00
Mrs. Scott Elliot's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft. ----			
		1.20	10.00

PERENNIALS—Continued

ASCLEPIAS, Butterfly Weed (RG)	Per 10	Per 100
Tuberosa. Brilliant orange flowers, decorative seed pods. July and August. 18 in.	\$ 1.20	\$ 10.00
ASTERS		
DWARF VARIETIES (RG)		
Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.		
Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-September.	1.40	12.00
Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.	1.40	12.00
Snowsprite. Cushions of pure white flowers. Dwarf, compact and bushy. September. Height 1 ft.	1.40	12.00
Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.	1.40	12.00
UPRIGHT TYPES. Starwort or Michaelmas Daisy.		
The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful.		
★ Adorable. Deeper, clearer pink, very rare in fall flowers. Small reddish rosette-like buds. Clean dark green foliage. Height 4 to 4½ ft. Blooms September to frost.	1.80	15.00
★ Beechwood Challenger. The nearest approach to red so far in Hardy Asters. Free-flowering medium height, about 3½ ft. Early fall. Profuse bloomer with brilliant crimson-red flowers.	1.80	15.00
Blue Boy. Low growing, deep blue flowers	1.80	15.00
★ Blue Eyes. Large pure violet blue flowers with small yellow eyes. Height 3 to 4½ ft.	1.80	15.00
Blue Gem. Large lovely flowers of blue with yellow center, double flowers. Best blue in cultivation. Sept. until frost. 3 to 4 ft.	1.40	12.00
★ Blue Lagoon. A new variety of the novi-Belgii type blue flowers, quiet, lovely.	1.80	15.00
★ Blue Plume. A choice introduction. One of the deepest, bluest yet introduced. Freely produced, rich royal blue flowers on stately spikes. An excellent variety that will attract attention. Sept. and Oct. Height 3 ft.	1.80	15.00
★ Palmyra. The best pink of Novi-Belgii type. A very hardy vigorous growing Aster with masses of semi-double pure pink flowers which make perfect pyramids on sturdy stems in mid-September to frost. 3 to 4 ft.	1.80	15.00
Red Rover. The first red fall Aster. Deep rosy red flowers with golden centers; buds bright red. Free blooming, compact habit. September to frost. 2 to 4 ft.	1.80	15.00
Royal Blue. Large, semi-double, clear blue. 2½ ft. September.		
Strawberries & Cream. A lovely color combination of deep pink flowers with softer pink of new bloom. End of Sept. 4 feet.	1.80	15.00
Sunset. A glorious sunset pink. Good habit and extremely free flowering. One of the best new pink sorts. 36 inches tall.	1.80	15.00

PERENNIALS—Continued

	Per 10	Per 100
ASTILBE, Perennial Spirea. (RG)★		
Astilbes are ideal, for colorful perennials for shaded locations in the garden. Also good for forcing. Plants bloom freely in June and July, and the foliage remains attractive for the rest of the summer. Height about 2 feet.		
Betsy Cuperus. The fine drooping flower spikes, 2 feet long, show in the summer during some weeks a great number of white flowers with pink center	\$ 4.00	\$ 35.00
Fanal. A fine compact growing plant with excellent foliage and brilliant Carmine-red flowers. One of the deepest red Spireas in cultivation. Handsome with long, well formed spikes and splendid crimson flowers	4.00	35.00
Gloria Purpurea. Purplish Carmine-color. Dark foliage. Excellent for forcing	4.00	35.00
Peach Blossom. This is the beautiful Peach Blossom variety. The panicles are 8 to 10 inches long, and blush charmingly with a delightful shade of pink. Bloom June and July. 1½ to 2 feet tall.	4.00	35.00
Queen Alexander. Very lovely soft pink flowers borne on spikes 18 inches high, coming in June	4.00	35.00
Queen of Holland. Feathery white flowers, with fern like foliage.	4.00	35.00
Salmon Queen. Flowers salmon pink, with dark foliage.	4.00	35.00
BAPTISIA, False Indigo		
Australis. Beautiful racemes of pea-shaped indigo-blue flowers 2-4 ft.	1.40	12.00
Mixed Blend. Blue, white and yellow in mixture. For new border effects	1.40	12.00
BUDDLEIA, Butterfly Bush, (See Shrubs).		
★CALLIRHOE INVOLUCRATA, (Poppy Mallow.) Trailing plant, finely divided foliage, large, saucer-shaped flowers of bright rosy crimson, white centers. Blooms all Summer and Fall. -	1.20	10.00

CHRYSANTHEMUMS

Well finished 2½ inch pot plants will be supplied on Spring orders.

CUSHION CHRYSANTHEMUMS

Sometimes called "Million Mums". A group of low growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 to 12 inches high. Our stock is of improved strains. Most varieties begin blooming late in August and bloom until frost.

	Per 10	Per 100
CUSHION BRONZE. As the flowers first open, they are a warm, rich red bronze, then turning to a bronzy yellow with a light red center. Later lighten to a beautiful golden bronze shade.	\$ 1.80	\$ 15.00
CUSHION PINK. Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center.	1.80	15.00
CUSHION RED SUPER DELUXE. Plant is perfectly formed and makes a mound 18 inches high with a diameter of 3 feet in its very first year. Bright shade of red. Mid-September. --	1.80	15.00
CUSHION WHITE. Lovely snow-white flowers with a faint yellow center.	1.80	15.00
CUSHION YELLOW. Pure golden yellow, very brilliant. Develops into large, dense clumps, often measuring 24 to 30 inches across. Early October.	1.80	15.00

PERENNIALS—Continued

NEW INTRODUCTIONS

U. S. DEPT. OF AGRICULTURE VARIETIES

CHRYSANTHEMUMS—Continued

Per 10 Per 100

ANN. A double-flowered white, blooming by late September. The flowers average from 2 to 3 inches in diameter. It makes a compact, free-flowering plant.	\$ 2.10	\$ 18.00
FLEUR. Full double amaranth purple flowers in profusion on dwarf compact plants. Early flowering, excellent for the flower border.	2.10	18.00
IVORY GLOW. Full double ivory white broad petal 3 inch flowers on long stems. The plants are compact in growth. An ideal cut flower variety. 2 ft. tall. October flowering ----	2.10	18.00
MARGIE. Large double intense velvet blooms 3 inches across. The darkest of all reds on full plants 2 ft. tall. Blooming date early October.	2.10	18.00
TAMPICO. A double variety bearing bronze-colored flowers on long stems. Blooming from late September to middle of October.	2.10	18.00
TERRY. It is an early lemon yellow decorative duplex. The habit of growth is very uniform and the plants are dwarf with a good compact, form. The flowers are from 1½ to 2½ inches and are produced in great profusion. Flowering in early September and continues until frost.	2.10	18.00

RECENT INTRODUCTIONS

(The Chicago Strain)

These recently introduced varieties flower in profusion by mid-September until frost. All are about 2 ft. tall and are of sturdy habit of growth; disease resistant and ornamental foliage.

Per 10 Per 100

AUTUMNSONG. Large wine-rose shading to carmine. One of the most outstanding of the Chicago varieties. Double. Blooms early September.	\$ 2.10	\$ 18.00
BARBARA SMALL. Double, incurved flowers nearly 3 inches across, dark lavender pink. 2 feet. Blooms early September.	2.10	18.00
CALENDULA. Bright Golden yellow flowers, 2½ inches in diameter, on long stems. Excellent for cutting. Blooms early September.	2.10	18.00
COURAGEOUS. Dark ruby-red, large, double flowers, 3½ inches in diameter. Strong, upright, healthy green foliage. Late September.	2.10	18.00
EARLY HARVEST. Fine glowing mahogany orange on extremely free flowering plants from early September.	2.10	18.00
HEARTHFIRE. Bright red flowers, showing a small yellow center when fully open. Ideal for cutting. Double. Early September.	2.10	18.00
HEATHERBLOOM. Double deep mulberry pink flower about 2½ inches in diameter. Plants are vigorous growing in full bloom by Mid-September.	2.10	18.00
OLIVE LONGLAND. Apricot pink, full double flower of 3 inches. Lovely pastel color, blooms freely. Grows erect. 2½ feet Mid-September.	2.10	18.00

PERENNIALS—Continued

CHRYSANTHEMUMS—RECENT INTRODUCTIONS—Continued

	Per 10	Per 100
ROBERT BRYDON. A garnet red, double flower of 3 inches. Growth is more spreading and bushy than the other Chicago varieties. 2 feet. Mid-September.	\$ 2.10	\$ 18.00
SOUTHWIND. Masses of large, chinese red flowers toned salmon-buff, borne on sturdy, much branched plants. Mid-September.	3.00	25.00
TANGERINE. Spanish-orange to grenadine-red, fully double, 3 inches across. Long, overlapping, slightly twisted petals, giving a very fluffy appearance. Bush upright, much branched; heavy deeply cut foliage. September to mid October.	2.10	18.00

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

	Per 10	Per 100
APRICOT GLOW. Richly hued apricot-bronze, 2½ inches, double blossoms. Mid-August. Grows to a height of about 18 inches with a spread of 2½ feet the first season.	\$ 2.10	\$ 18.00
CHIPPEWA. Double. Magnificent flowers of rich aster-purple in large clusters. Early September. 2-2½ feet.	2.10	18.00
HERITAGE. This is one of our own introductions. Flowers are fully double, 2½ inches in diameter. Colors are old-gold suffused with rose-pink. Plant is good grower, growing approximately 30 inches high. Produces large, individual flowers on stiff stems. Is one of the first varieties to flower. ..	2.10	18.00
MAROON 'N GOLD. Immense, 4 inch flowers of bright mahogany shaded maroon, with golden reverse. Early September.	2.10	18.00
SEPTEMBER DAWN. The gorgeous deep pink of an Autumn sunrise The large double flowers are perfectly formed. 3-3½ inch flowers.	2.10	18.00
YELLOW AVALANCHE. Huge fluffy blooms in big sprays, individual blooms often measure over 4 inches, color is clear soft golden yellow.. Late September.	2.10	18.00

STANDARD UPRIGHT CUTFLOWER VARIETIES

	Per 10	Per 100
ALGONQUIN. Fine, brilliant, double yellow. Mid-summer, 18 inches.	\$ 1.80	\$ 15.00
AVALANCHE. Large well formed, double white flowers in great quantities. 2½-3 feet. Late September.	1.80	15.00
LAVENDER LADY. A lovely true lavender, no trace of mauve, purple, or magenta appears under any light condition. Flowers are full, double, 3 inches across. Early October. ..	2.10	18.00

NEWER OUTSTANDING BUTTON POM POM

	Per 10	Per 100
CHIQUITA (Little Doll). Deep lemon-yellow, fully double, compact, dome-shaped pompon. Bush compact, 18 to 24 inches tall, with deep green foliage. Long individual flower stems. September to October.	\$ 2.10	\$ 18.00
LAVENDER LASSIE. Graceful sprays of dainty lavender-pink. From September until freezing. The 2½ foot plant is a mass of 2 to 3 inch Pom Poms.	2.10	18.00

PERENNIALS—Continued

CHRYSANTHEMUMS—NEWER OUTSTANDING BUTTON POM POM—Continued

	Per 10	Per 100
PEPITA (Little Girl). Densely quilled pompon. Eggshell white with darker center when young, changing to pure white with slight yellow center. Bush 18 to 24 inches high, densely branched and wide spreading; long, individual flower stems. Mid-September to end of October -----	\$ 2.10	\$ 18.00
PINK RADIANCE. Large sprays of luminous soft pink blooms cover the robust plants growing 2½ feet tall. Excellent for cutting, a good color under artificial light. Late September.	2.10	18.00
PYGMY GOLD. A distinct, fine Pom Pom type. The color of a clean golden yellow. Early September.	2.10	18.00
ROSITA. (Little Rose). Light Persian-rose, 1-1¼ inches in diameter, tight, full double. Open sprays of 5 to 10 flowers on long individual flower stems. Bush large, upright, spreading. Good foliage. September to mid-October.	2.10	18.00
RUBY POMPOM. More rich and flowing Ruby crimson than any other Pom Pom. Full flower early October. 2½-3 feet.	2.10	18.00
SEPTEMBER BRONZE. Shapely little Pom Pom blossoms, shading from golden bronze to intense warm bronze. Mid-September to November.	2.10	18.00
SEPTEMBER CLOUD. Beautifully rounded blossoms of purest white with primrose shading in center. Mid-September till frost. ..	2.10	18.00
CHRYSANTHEMUM MAXIMUM, Shasta Daisy.		
Alaska. Large white flowers. June to August. 2 ft.	1.20	10.00
Diener's Double White. Recent development of full, shaggy double flowers of glistening white. Hardy, robust grower. Early. 2½ to 3 ft.	1.40	12.00
The Speaker. Enormous pure white flowers.	1.80	15.00
★Timpanogii. New Broad Petaled 8 inch. Long stems, flowers 8 inches in diameter—early flowering.	1.80	15.00
COREOPSIS, Tickseed.		
Double Sunburst. Double flowers, golden-yellow. Blooms all summer. 20 to 30 inches.	1.20	10.00

DELPHINIUM ENGLISH HYBRIDS

	Per 10	Per 100
BLACKMORE & LANGDON. 4 to 5 foot. Semi-double and double blooms in shades of blue, lavender, and purple.	\$ 1.40	\$ 12.00
LYONDEL HYBRIDS. Especially selected for their extreme hardiness and large flowers, ranging from the pale blues to deep purples. Singles, semi-doubles and doubles.	1.80	15.00
NEW HOLLYHOCK STRAIN. Very long spikes, densely covered with flowers, light colors mixed.	1.40	12.00
SUPERIOR DOUBLE DE LUXE. Very large flowering double and semi-double, from named varieties mixed.	1.80	15.00
WREXHAM GIANT STRAIN. This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of blue mauve and pink.	1.80	15.00

DELPHINIUM MISCELLANEOUS VARIETIES

	Per 10	Per 100
BELLADONNA CLIVEDON BEAUTY. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 feet.	\$ 1.20	\$ 10.00
BELLAMOSA IMPROVED. A reselected strain of the standard deep blue.	1.20	10.00

PERENNIALS—Continued

DIANTHUS

Per 10 Per 100

Barbatus, Old Fashioned Sweet Williams.

This is the Old Fashioned Sweet William, bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

Nigricans. Very dark crimson flowers, bronzy foliage.	\$ 1.20	\$ 10.00
Scarlet Beauty. 18 inches	1.20	10.00
Splendens Pink Beauty. 18 inches.	1.20	10.00
White Beauty. 18 inches.	1.20	10.00

DIANTHUS GRENADIN CAROPHYLLUS

This is the hardiest of all outdoor carnations. Very fragrant, fully double producing large flowers on long stems. The finest of all varieties..

Per 10 Per 100

Golden Sun. Early flowering, very double, large clear yellow flowers.	\$ 1.80	\$ 15.00
Rose Queen Triumph—Deep Delicate Pink.	1.80	15.00
King of Blacks—Deep Maroon. Almost Black.	1.80	15.00
Scarlet—Rich Scarlet. Extra Large Flowering.	1.80	15.00
White—Clear White. Complete Double—Extra Fragrant.	1.80	15.00

DIANTHUS PLUMARIS HARDY GARDEN PINKS

Per 10 Per 100

★Nanus Fl. Pl. Double. Extra dwarf giant flowered double mixed.	\$ 1.80	\$ 15.00
Semperflorens (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in.	1.40	12.00
★Scoticus Double. Special strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering.	1.80	15.00

DIANTHUS SPECIES

Per 10 Per 100

Deltoides Brilliant. Rich rose pink blossoms, carried above fine feathery foliage. 8 in.	\$ 1.40	\$ 12.00
★Her Majesty. Large compact, carnation flowered glistening white. Flower spikes to 14 inches on stately perfectly formed, silver foliage plants.	1.80	15.00
Latifolius, Atrococcineus, Fl. Pl. Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in.	1.40	12.00
★Meg Gardner. A dwarf growing variety, producing distinct white miniature flowers with crimson center, appearing in very neat form over the nice, compact plants with steel gray foliage.	1.80	15.00

DICENTRA, Bleeding Heart.

Spectabilis (Old Fashioned Bleeding Heart.) Graceful heart shaped flowers, rose pink. May-June. 1 to 2 feet. 3 to 5 eye plants.	4.00	35.00
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PERENNIALS—Continued

DICENTRA, Bleeding Heart—Continued	Per 10	Per 100
Exima (RG). This is not a particularly new item but it is very worth while and few nurserymen know it. We recommend it very highly, equal to or better than the old fashioned Spectabilis variety. Rose colored flowers produced all summer. 12 in.	\$ 2.10	\$ 18.00
EUPHORBIA.		
★ Polychroma. Its unusual combination of flowers and foliage, and afterwards its beautifully colored seed, does not escape anyone's attention. It makes a beautiful formal plant, growing about 1 ft. high, forming a hemispherical clump covered with lemon-yellow, rose shaped, flowers in May and June.	1.80	15.00
FERNS, Hardy Outdoor (RG).	1.40	12.00
Goldie's Wood. (Aspidium). Evergreen variety. 2 ft.		
Interrupted (Osmunda Claytoniana.) Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.		
Maiden Hair (Spleenwort Asplenium Tricomane). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.		
Ostrich Plume (Onoclea Struthiopteris). Very graceful with finely cut pinnules. 2 to 3 ft.		
FUNKIA, Plaintain Lily (RG)		
Caerulea. Lovely blue flowers, leaves broad. August-September. 18 inches.	1.80	15.00
Glaucia. Japanese species. Large blue-gray leaves excellent for rock garden or border.	2.10	18.00
Lancifolia. Lily blue flowers, long narrow leaves, of dull green. Profuse bloomer. Excellent plant for shade and hedging. July-August. 2 feet.	1.80	15.00
GAILLARDIA, Blanket Flower (RG)		
Sun God. Good sturdy growing type, producing magnificent yellow flowers. In bloom from the 20th of August until frost. Very desirable as cut flowers. Height 18 inches.	2.10	18.00
GENTIANA PHLOGIFOLIA. Usually grown in Rock Garden or Border. Profuse blossoms of medium size in deep, rich blue. ..	1.80	15.00
GYPSOPHILA, Baby's Breath.		
Bodgeri. Earlier than Bristol Fairy. The white flowers are tinted pink—compact in habit. 18 inches.	2.10	18.00
★ Bristol Fairy. Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft.	4.00	35.00
Paniculata Compacta. Pinkish white. July. 2 ft.	1.20	10.00
★ Rosy Veil. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting.	2.10	18.00

PERENNIALS—Continued

HEMEROCALLIS

Two species of Hemerocallis have been widely known to nurserymen for generations: Flava, the Lemon Lily; and Fulva Europa. In recent years progress has been made in hybridizing, so that today we can offer a collection of Hemerocallis which will bloom from Spring to Fall with a variation of colors. Their hardiness and attractive foliage makes it possible to use them effectively in locations unsuited to other perennials.

We are growing the following varieties which we can recommend as superior for general planting.

	Per 10	Per 100
August Pioneer. Profuse bloomer, one of the late blooming Multiflora hybrids flowering from mid-August to mid-September. Miniature flowers of chrome-orange with the outer half of the petals flushed red. Very valuable for its late season of bloom. 42 inches.	\$ 1.80	\$ 15.00
Hyperion. Exceptionally large blooms, seven inches, of a soft canary yellow. Fine form and substance. Very fragrant. Considered by many the finest Hemerocallis ever introduced. June-July. 3½ feet.	4.00	35.00
Mikado. Rich orange with a large spot of mahogany red in each petal, 5 inches in diameter. Striking and unusual. Usually blooms a second time. The outstanding charm of this remarkable Day Lily is due to the bold color contrasts and perfection of form. Flowers during June and July. 3 feet.	1.80	15.00
Rajah. 48 inches. A gorgeous new introduction by Dr. Stout in a brilliant flame scarlet, with a vivid triangular throat area of Brazil red. Large beautifully shaped brilliantly colored flowers of perfect form; very freely produced. July-August.	1.80	15.00
HIBISCUS, Mallow.		
Avalon Hybrid. A new beautiful strain. The flowers have a hint of bell-shaped and a vividness never before seen in Hardy Hibiscus.	1.40	12.00

HYDRANGEA.

Blue Prince. Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate.

2 year dormant stock, EXTRA HEAVY 6.00 50.00

Iris Vesper

	Per 10	Per 100
Dichotomah (August or Vesper Iris), fragrant flowers on tall branching sprays. From July to September. Cream to violet-purple markings of various colors.	\$ 1.20	\$ 10.00

LATHYRUS LATIFOLIUS. Perennial or Everlasting Pea.

This lovely trailing plant blooms all summer. In separate colors. Crimson King, Rose Queen.

1.40 12.00

★LIATRIS, Blazing Star or Gay Feather.

Elegans. A beautiful and distinct species. Each individual blossom is large and starry, pure lavender with white centers, long curved stamens giving airy effect.

1.40 12.00

PERENNIALS—Continued

LIATRIS—Continued

	Per 10	Per 100
Scariosa Avalon Purple. Blazing feathers - torches of great tassel - blossoms in pulsating purple violet. Splendid late blooming Species.	\$ 1.40	\$ 12.00
Scariosa September Glory. A giant 5 foot spike solidly covered with purple flowers from top to bottom. The flowers unlike the common variety, come into bloom all at the same time. Late flowering, September.	2.10	18.00
Spicata. Long, dense columns of fluffy purple. Particularly good species, either for the mixed, hardy border, or for cutting.	1.40	12.00

LILY OF THE VALLEY

Extra strong plants with long roots. Fine foliage and profuse bloomers.

Pips40	3.50
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LINUM, Hardy Flax.

Flavum. A golden yellow flower. May to July. 12 inches.	1.40	12.00
Perenne Blue. An attractive, bushy plant with pretty pale blue flowers during June and July.	1.20	10.00

LYTHRUM

★Prolific

An established plant will produce 20 or more upright flower spikes about 30 inches tall. The flowers are best described as Persian-rose, clearer in color than the other varieties. They are excellent for cutting. The plant thrives well in wet soil.	1.80	15.00
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★ Rosalie. The lovely flowers are a captivating art shade of rose pink. The graceful flowers are closely set on 2 foot spikes, flowering down to the ground. Interesting foliage, blooms from July till frost. 2 feet.	1.80	15.00
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★ The Beacon. A very showy variety, has neat long-lasting spikes of large clear, deep-carmine flowers, followed with side spikes almost to the ground. Interesting foliage, blooms from July till frost. 2 feet.	1.80	15.00
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PACHYSANDRA TERMINALIS

Ground covering plant, averaging 6-8 inches in height and branching freely into a dense mat. Practically evergreen. Splendid for steep slopes in sun or shade and for dense shade under any kind of tree. Well established 2 year, 3 inch pot plants.	1.80	15.00
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PENTSTEMON, Beard Tongue, Hardy.

★ Cherry Glow. This companion to the lovely Garnet is also known as Firebird. Stems are 18 to 24 inches tall, vividly colored, ruby-crimson. (2-in. Pots.)	1.80	15.00
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★ Garnet. First of a new strain of hardy, large flowering Penstemons. Of spreading habit. June until stopped by frost. Rich garnet color. 12 to 18 inches tall. Six to a dozen spikes continually open throughout flowering season. Excellent for cutting. (Retails, per 3, \$1.50; Per doz., \$4.50; per 100, \$30.00)	1.80	15.00
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PERENNIALS—Continued

PENTSTEMON—Continued

Per 10 Per 100

Grandiflorus. Immense flower trumpets, pure blue to orchid lavender, are carried in many towering spires of serried clusters. Blue glaucous leaves, thick and crispy, in perfoliate effect. \$ 1.40 \$ 12.00

★**Pink Beauty.** Color is a lovely clean shell-pink. A charming cut flower; one of the outstanding new and good plants. Flower spikes 30 in. 2.10 18.00

PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. These Phlox that we are offering are strong one year field grown plants.

Per 10 Per 100

Africa. Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large compact florets. Good strong stems. 30 in. \$ 2.10 \$ 18.00

★**Antoinette Six.** This pure white Phlox has unusually large heads, ideal for a huge mass effect. 2.10 18.00

Apollo White. Splendid white with large individual flowers. 2.10 18.00

Apple Blossom. One of the loveliest of all the pastel shades. Soft apple-blossom pink. 2-2½ inch florets. 2½-3 feet tall. 2.10 18.00

Brilliant. Large trusses of fiery scarlet with darker eye. 30 inches 2.10 18.00

Cheerfulness. Vigorous grower with much branched panicles of sparkling salmon-orange flowers. Keeps perfectly in bright sunlight. Height 3 feet. 2.10 18.00

E. J. Farrington. Salmon-pink with a deep rosy-red blush. Excellent for cutting. 24 inches. 2.10 18.00

Eva Forester. (Also known as Salmon Beauty.) Giant bright salmon-rose flowers with light centers. 10 inches tall. 2.10 18.00

★**Flash.** New large, rosy-red, one of the best. 2.10 18.00

★**Irene.** One of the best easy growing cherry red Phlox. Medium height with bronzy green foliage. 2.10 18.00

★**July Lights.** Flowers early, grows to a medium height. Each floret shaded with a soft light red with a blood red eye. 2.10 18.00

★**Lillian.** Pure pink without any trace of magenta or rose. Large florets. 2.10 18.00

Mary Louise. Pure snow white heads; individual florets are 2 inches. Very fragrant, prolific bloomer. 2.10 18.00

Mies Copyjn. A gorgeous silvery-pink. 2.40 20.00

★**Progress.** Superb light blue, set off with deeper purple blue eyes. Extremely large flower heads with 1½ to 2 inch florets. Rich, dark green foliage. 2½ feet 2.40 20.00

★**Purple Heart.** The individual flowers are large and are carried in good size trusses. The color is a brilliant live shade of deep blue purple intensified by a darker center given sparkle by the dainty cream colored anthers. 2.40 20.00

★**Rosy Blue.** Soft lavender-blue with delicate pink undertones. Never a sign of objectionable purple or violet tinting. The florets are large and grow in fine big clusters. 2.40 20.00

★**Ruby Lee.** Extra large plum-red flowers. Medium height. 2.40 20.00

Tigress. Large blooms of a very outstanding salmon-scarlet. 2.10 18.00

PHLOX SUBULATA, Moss or Mountain Pinks

An early spring flowering type with pretty mosslike, evergreen foliage, which during the flowering season, in April and May, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground.

	Per 10	Per 100
Alba. Pure white flowers completely covering the neat compact plant in May; a lovely thing for the rock garden.	\$ 1.40	\$ 12.00
Atropurpurea. The same habit of growth as the well known Phlox Subulata Rosea. The flowers are deep carmine-red making a most brilliant display.	1.40	12.00
★ Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage.	2.10	18.00
★ Blue Hills. Of uniform compact growth, with showy pale blue flowers freely produced in spring and again in fall.	1.80	15.00
Rosea. Rose-pink. Fine for covering banks, thrives in hot, dry situations, and blooms profusely.	1.40	12.00

PHYSALIS, Chinese Lantern Plant. (RG)

Francheti. Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.	1.40	12.00
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PLATYCODON, Balloon Flower (RG)

Blooms all summer. 12 in. Separate colors, blue and white. --	1.40	12.00
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★**PLUMBAGO.**

Larpenae. One of the most desirable border and rock plants. It is of dwarf spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during late summer and fall.	1.80	15.00
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PYRETHRUM, Painted Daisy (RG)

Extra select double mixed. An attractive mixture.	1.70	14.00
★ James Kelway. Bright vermillion red with yellow center. Very showy. Excellent cut flower.	1.70	14.00

RANUNCULUS, ACRIS FL. PL.

Double yellow buttercups like little roses on 18 inch stems in May and June. Plants are very neat with an upright growth. Prefers Sun.	1.40	12.00
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RUDBECKIA, Coneflower.

Hardy plants, adapted for the border. Well suited for cutting.

★ The King. It bears its large star-like deep crimson red flowers nobly on stiff stems. An established clump will produce from 10 to 20 fine spikes, never failing, no matter how hot or dry it may be. From half open buds to the orange-brown seedpot, the plant is always attractive. Height 3 feet.	3.00	25.00
★ White Lustre. A beautiful stately plant with large pure white star-like flowers, the cone of which has a delightful metallic lustre not unlike old brass and old copper mixed. The stems are stiff, 3 ft. high. An established plant will produce from 10 to 15 spikes never failing regardless of weather. Hardy as an oak.	3.50	30.00

PERENNIALS—Continued

SEDUM, Stone Crop or Live Forever (RG)

America's Greatest Rock Plant. Thick glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.

Maximum Atropurpureum. Of upright open growth, 18 inches. Foliage rich mahogany brown, flowers in sprays of lighter color. ----- \$ 1.40 \$ 12.00

Spectabile Brilliant. Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches. ----- 1.40 12.00

Spectabile Rose. Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches. ----- 1.40 12.00

STATICE, Great Sea Lavender (RG) August

Caspia. Large flowered lilac, dwarf dumosa, giant, dense flower heads of silver-gray latifolia blue. ----- 1.40 12.00

Latifolia. Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make very valuable winter bouquets. 18 in. ----- 1.40 12.00

STOKESIA, Cornflower Aster.

★**Blue Moon.** Large and free flowering. Perfectly hardy. Vivid, blue disc-like flowers. Blooms throughout summer and autumn. Flowers five or six inches in diameter. 12 to 18 in. tall. ----- 2.10 18.00

SWEET WILLIAM (See Dianthus Barbatus)**THALICTRUM ADIANTIFOLIUM**

A beautiful variety, with foliage like the Maidenhair Fern and miniature white flowers in June, grows about 2 feet high. ---- 1.40 12.00

TRITOMA, Kniphofia, Red Hot Poker (RG)

This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.

★**Gold Mine.** Soft amber tinted gold is the color of this fine hybrid. The flower spikes are 30 in., 10 or more on one plant. Blooms from July to Sept. Its stateliness and coppery color effect makes it outstanding in the garden. ----- 2.40 20.00

Pfitzeriana. This is the genuine Red Hot Poker. Rich orange-scarlet blooms on stems 3 feet high. Must be grown from divisions. August to October. ----- 1.40 12.00

★**Primrose Beauty.** The spotless primrose-yellow spikes are unique for their grace as well as their delightful color. The spikes are 30 inches tall, lending an unusual charm to the border. June-July. ----- 2.40 20.00

★**VERBASCUM PINK DOMINO**

The upright rugged and picturesque branching flower spikes reach a height of 3 feet or more. They are in bloom from June until September. The color is a soft rose-pink with delicate buff undertone. ----- 1.80 15.00

VERBENA ROSE.

Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter. ----- 1.40 12.00

PERENNIALS—Continued

		Per 10	Per 100
VERONICA, Speedwell (RG)			
★ Crater Lake Blue. Long airy spikes like the blue spires of fairy-land. A sure touch of cool blue for the border. Plants grow 20 inches tall, do well in either full sun or partial shade. -----			
		\$ 1.80	\$ 15.00
VINCA MINOR			
Bowles Variety. An excellent ground-cover plant with dark green glossy leaves and blue flowers. -----			
		1.80	15.00
VIOLA, ODORATA, Sweet Violet (RG)			
Fry's Fragrant. An old English strain of perpetual flowering violets. Blooms early in the spring and again in the fall. Flowers extra large, deep purple and very fragrant, excellent for forcing. -----			
		1.40	12.00
★ Royal Robe. This glorious variety is a lustrous shade of deepest violet-blue. The blossoms are delicately fragrant and open out flat like a pansy or Viola. A few plants of this violet in the garden will serve to furnish quantities of bloom either during early winter or early spring. -----			
		1.80	15.00
YUCCA FILAMENTOSA			
Creamy yellow. 6 foot. This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July. 1 year seedlings. -----			
		1.40	12.00

OLD FASHIONED KITCHEN HERBS

		Per 10	Per 100
Horseradish. A condiment used in seasoning meats.			
3 inch cuttings -----		\$ 3.50	\$ 2.90
Crowns -----		7.00	6.00



Spring Bulbs

CANNAS

Per 100 Per 1000

Our Cannas are all strong 3 to 5 eye divisions, properly matured and cured so as to give you the best possible results. - \$ 6.50 \$ 55.00

PINK FLOWERS WITH GREEN FOLIAGE

★**City of Portland.** The leading pink, green foliage. 4 feet tall. Large flowers of watermelon-pink conceded THE pink.

Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of Pink Cannas.

Louise. Tall deep pink flower. Large green foliage.

RED FLOWERS WITH GREEN FOLIAGE.

★**Mme. Crozy.** A dwarf. One of the finest Little Cannas. Large heads of red with variegated border one-eighth inch wide, of orange, green foliage.

The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease.

YELLOW FLOWERS WITH GREEN FOLIAGE

★**Apricot.** 3½ ft. tall. Green foliage with lovely heads of apricot. Without a doubt one of the grandest Cannas.

Florence Vaughan. Medium. Flowers yellow with red spots on petals, and red throat. Green foliage.

Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage.

WHITE FLOWERS WITH GREEN FOLIAGE

★**Eureka.** 4 ft. tall. Large white flowers, green foliage.

BRONZE FOLIAGE VARIETIES

Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over-bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.

Wyoming. 5 ft. Purple foliage. True-orchid flowering variety with magnificent orange colored flowers.

★Varieties Prices \$7.50 per 100; \$65.00 per 1000.

DAHLIAS

(New and Recent Introductions)

Our Dahlias are all Shenandoah Grown, good strong, healthy tubers with good necks and crowns. Our stock is carefully handled and guaranteed true to name.

CACTUS—Hybrid Cactus

Per 10 Per 100

Jean Trimbee. Sometimes Semi-Cactus. Color a rich petunia-violet and many blooms close to 12 inches in width and 7 inches in depth. Really a beautiful and huge sized Dahlia. -----\$ 4.00 \$ 35.00

DAHLIAS—Continued

	Per 10	Per 100
DECORATIVE		
F.D. indicates Formal Decorative		
I.D. indicates Informal Decorative		
Cherokee Brave. Bloom 10 x 5. A rugged growing, good root making Dahlia that can be grown up to twelve inches. Color is a beautiful ruby red which will not fade under the hottest sun. Height 5 feet. Foliage dark green and insect resistant.	\$ 3.50	\$ 30.00
Commando. F.D. Bloom 12 x 5. A very clean shade of dark lavender. Foliage heavy and insect resistant. Early and prolific. Good root maker.	4.00	35.00
Dahlia m. I.D. Bloom 13 x 7. Color is deep orange. A tremendous flower with long twisted petals that roll back to the stem making a complete ball. Bushes massive and wide spreading. Blooms continually from early till late. 4 feet.	4.00	35.00
Dr. Taylor. F.D. Bloom 8 x 4. An unusually fine Dahlia that produces many blooms. Excellent stems, foliage and habit. Color is light red. Highly recommended.	4.50	40.00
Elsie Swoboda. F.D. Japan rose pink with chrome yellow radiating from the center of the flower; large blooms on good stems.	3.00	25.00
Glamour. I.D. 11-12 inches. 7-8 inches deep. 4½ feet. An immense true purple with each petal edged amaranth pink. Easily grown to 14 inches with straight, stiff stems. Bush growth vigorous and insect resistant.	4.50	40.00
Harlequin. I.D. Bloom 10 x 5. This is one of the best large bicolors. Colors deep red, tipped white. On long strong growing bushes.	4.00	35.00
Mother Cabrini. I.D. Bloom 10 x 5. Carmine overlaid garnet red. One of the strongest growers we have ever seen. Foliage heavy and stems long and free branching. Highly recommended for cutting and exhibition.	4.00	35.00
Pink Giant. I.D. Bloom 8x4. Vivid tyrian pink. A grand garden variety that gives plenty of long stemmed blooms. Strong upright bushes and quite profuse.	4.50	40.00
Rosy Morn. I.D. Bloom 10x6. Color a brilliant deep rose-pink of good size and well built blooms. A clean growing plant with dark green, insect resistant foliage.	4.00	35.00
The Governor. F.D. Bloom 9x5. The most prolific of the large yellows, light yellow of perfect round form with uniform full centers. Very early to bloom.	4.00	35.00
Thos. A. Edison, F.D. A wonderful Dahlia of staghorn petalled formation and a gorgeous rays purple color. Very attractive and good bloomer. Fine stiff stems.	4.00	35.00
STANDARD DECORATIVES		
Avalon. I.D. Clear canary yellow, long stems, very good to hold up as a cut flower.	1.80	15.00
Clara Carder. Its formation is on the border line between formal and informal decorative, and is in a color class by itself; beautiful shade of clear Cyclamen pink, the only Dahlia known of this color.	3.00	25.00

DAHLIAS—Continued

STANDARD DECORATIVES—Continued

	Per 10	Per 100
Gallant Fox. F.D. Large, deep crimson red, tall grower, straight stems.	\$ 1.80	\$ 15.00
Jane Cowl. I.D. Bloom 8 x 9. Color a glistening bronzy buff and old gold blending to a deeper shade toward the center of the flower. 6 feet.	2.10	18.00
Jean Kerr. F.D. A very popular white. The flowers are small but many are produced on each plant. A good keeper and fine for floral work. Extremely early, vigorous and insect resisting.	1.80	15.00
Mrs. I de Ver Warner. F.D. Bloom 9 x 4. It is a refined, deep, mauve pink, beautifully formed, exquisite shade.	1.80	15.00
New York Market. I.D. Very long stems. White tinted pink, 6 inch blooms. Excellent cut variety.	2.10	18.00
Oriental Glory. I.D. Blooms 10-12 inches and are cadmium orange overlaid with scarlet. The name describes it very well. It was one of the first to bloom in our fields and attracted much attention. Good stems and very free blooming.	2.50	20.00
Ruby Taylor. I.D. Bloom 8 x 4½. A prize winner which has met with instant approval wherever grown. The color is Carmine and the large deep blooms are supported by perfect long, stiff stems. We consider this variety one of the finest we grow.	3.00	25.00
Watchung Giant. I.D. Bloom 11 x 6. Deep amber-yellow suffused orange, on strong stems. This variety grows larger than any other for us in our fields. It needs no petting or forcing for giant size blooms.	2.10	18.00

MINIATURE DAHLIAS

Fairy. Small violet rose perfectly placed on the best of long stems. Very popular with florists.	1.80	15.00
Wild Rose. A new miniature. Truly a fine pink that is a great favorite with women. Especially for decorative purposes.	1.80	15.00

POM POM DAHLIAS

Amber Queen. Rich, clear amber shaded apricot.	1.80	15.00
Edith Mueller. A beautiful two-toned variety. Golden orange at base and salmon red at petal tips. The flowers are perfectly round and borne on long, strong stems. Very fine.	1.40	12.00
Jessica. A combination of amber and salmon tinted red. Very showy, blooms profusely and continually.	1.40	12.00
Morning Mist. Profuse bloomer 1½ to 2 inches. White with rosy lavender center and petals slightly outlined with lavender, are held on stiff, wiry stems, ranging up to 15 inches in length. ..	1.40	12.00
Rothout. Deep red and favorite in this color. Long, strong stem and free flowering. Good commercial red.	1.80	15.00
Yellow Gem. Fine clear light yellow. The best variety of this color for all purposes.	1.80	15.00

LILIES

Our production of Hardy Lilies has been increased considerably in the last two years. Most of our Lilies are grown here at Shenandoah. Sizes specified indicate circumference of bulb. All of our bulbs are flowering size.

Per 10 Per 100

★**ESTATE.** This is sometimes called the hardy outdoor Easter Lily.

It is one of the finest of all new Lilies. Plant 6 to 8 inches deep.

7 to 8 inches	\$ 3.50	\$ 30.00
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HENRYII. (The Golden Speciosum). Flowers Golden Yellow, 5 to 6 inches tall. Blooms in Aug. and Sept. Plant 8 to 10 inches deep.

6 to 8 inches	2.40	20.00
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REGALE. Our Regale Lilies are an improved type grown by seed selection, extra large white flowers suffused pink with creamy yellow throat. Very fragrant blooms in July. Planting depth 5 inches.

3 to 4 inches .....	.60	5.00
4 to 5 inches .....	.90	7.00
5 to 6 inches	1.10	9.00
6 to 8 inches	1.50	12.00

TENUIFOLIUM. (Coral Lily.) Bright Cherry Red blossoms. Sometimes called the gayest of red Lilies. Height 12 to 24 inches. Blooms in June. Plant 4 to 5 inches deep.

No. 1 flowering size	1.20	10.00
No. 2 flowering size .....	.80	7.00

TIGRINUM SPLENDENS FLORIBUNDA. (Double Tiger Lily). This is about the only Double Lily in existence. One of the easiest to grow. Most free blooming of any Lily in existence. Is very hardy. Should be in every garden. Height 3 to 5 feet. Blooming in Oct. and Sept. Plant 5 to 6 inches deep.

3 to 4 inches .....	.50	4.00
4 to 5 inches .....	.70	6.00
5 to 6 inches .....	.90	8.00
6 to 8 inches	1.20	10.00
8 to 10 inches	1.80	15.00

MISCELLANEOUS BULBS

BEGONIAS, Tuberous Rooted.

Camellia Flowering. This type is the most showy and beautiful of all Begonias. It is, as the name indicates, Camellia flowering.

Per 10 Per 100

We offer these in separate colors, Red, Pink, and Yellow.

1½ to 2 inch in diameter.	\$ 1.80	\$ 15.00
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CALADIUM (Elephant Ear).

Esculentum. 7 to 9 inches.	1.20	10.00
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Fancy Leaved. These colorful plants have grown very popular the last few years. The leaves are spotted and veined with brilliant markings. Sometimes called picture-leaved Caladiums. We offer three separate named varieties, sizes are 1½ in. to 2 in. diameter.

1.80	15.00
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Candidum. Fine Easter variety and very popular. Leaf snow-white with green veins and network; narrow green border.

Mrs. W. B. Haldeman. Medium leaf of bright pink with narrow green edge. Very fine and popular.

Triomphe de L'Exposition. Old favorite with roundish leaf of bright red; dark green edge.

CALLA LILY, Elliottiana. Yellow. 1¾ to 2 inches.	1.80	15.00
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MADEIRA VINE. A tuberous bulb producing a multitude of viny growth, a very prolific grower.

.60	5.00
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TUBEROSES (RG), Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-Aug.

No. 1 size.75	6.00
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A complete selection of
the newest and best

PATENTED ROSES NON-PATENTED ROSES

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Floribunda
Climbing H. T.
Hardy Climbers

SHRUBS HEDGE AND VINES SHADE TREES FRUIT TREES BERRY FRUITS PEONIES AND BULBS

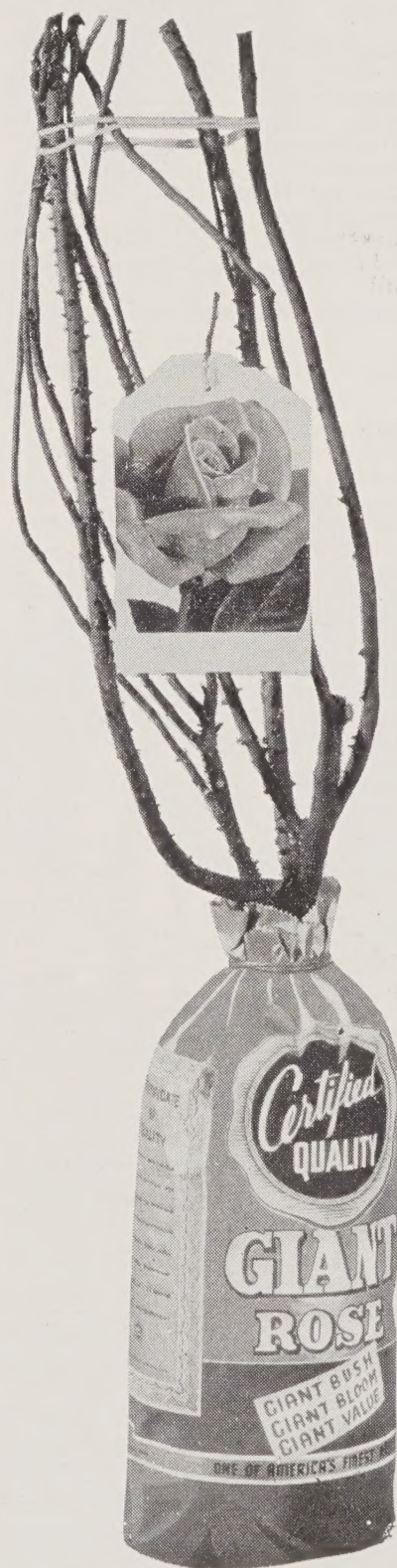
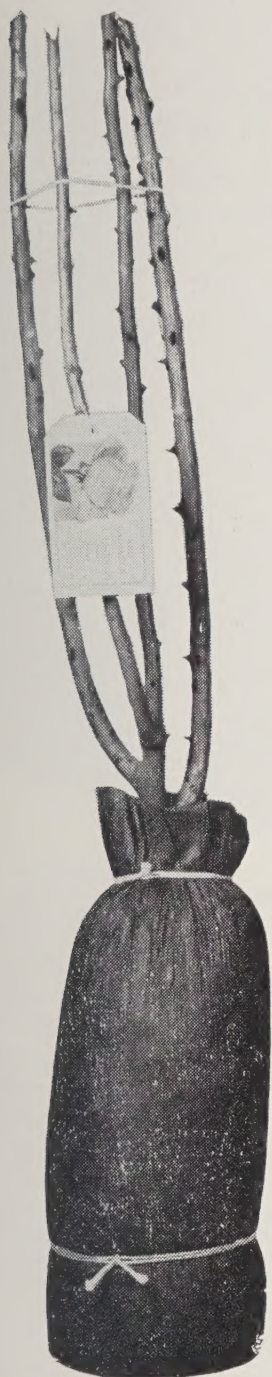
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Plant Pat. 105



TAFFETA

Plant Pat. 716



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**RED
PINOCCHIO**

Plant Pat. 812



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